เอกสารอ้างอิง

ทักษิณา สวนานนท์ "พจนานุกรมศัพท์คอมพิวเตอร์" พิมพ์ครั้งที่ 1 กรงเทพมหานคร : บริษัท มีเดีย แอสโซซิเอดเด็ด จำกัด, พ.ศ. 2527.

วิชา จิวาลัย, "เมตริกซ์เบื้องต้นสำหรับวิชาวิศวกรรมสำรวจ" หนังสือประกอบการสอนหมายเลข ส 20 - 02 ภาควิชาวิศวกรรมสำรวจ คณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย 2520.

วิชา จิวาลัย, "การคำนวณปรับแก้" เอกสารประกอบการสอนหมายเลข ส 24 - 03 ภาควิชาวิศวกรรมสำรวจ คณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย 2524.

Brown, D.C., "Bundle Adjustment with Strip - and Block - Invariant Parameters" , Proceedings of the Symposium Held in Stuttgart, Federal Republic of Germany, International Society of Photogrammetery Commission III PP. 54 - 65 Dentsche Geodatische Kommission Munchen, Stuttgart, 1974.

Brown, D.C., "Evolution, Application and Potential of the Bundle Method of Photogrammetric Triangulation", U.S.A., 1974.

Hughes, E. "Advanced Programming Techniques", John Wiley & Sons, Inc. New York, 1978.

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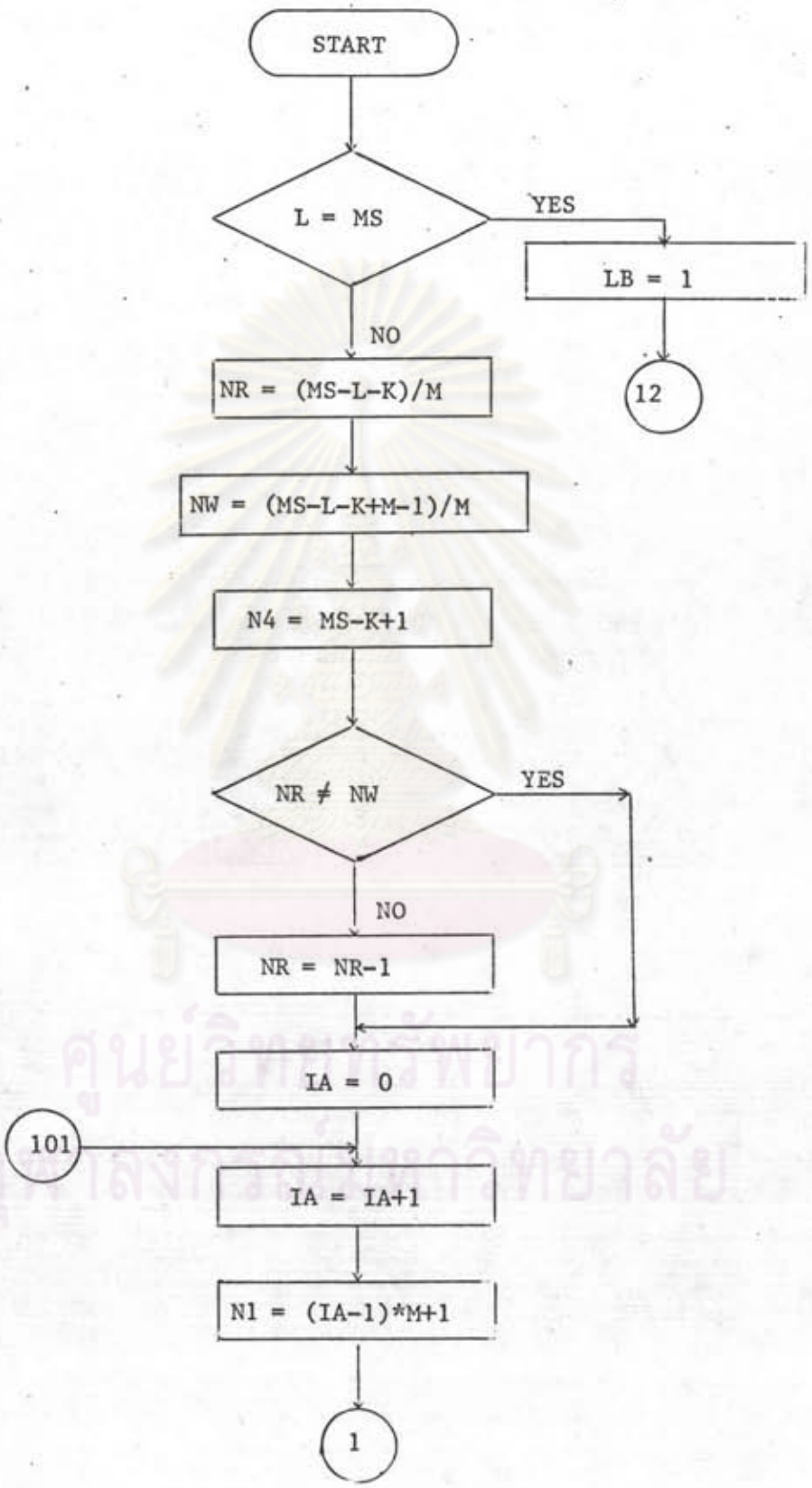
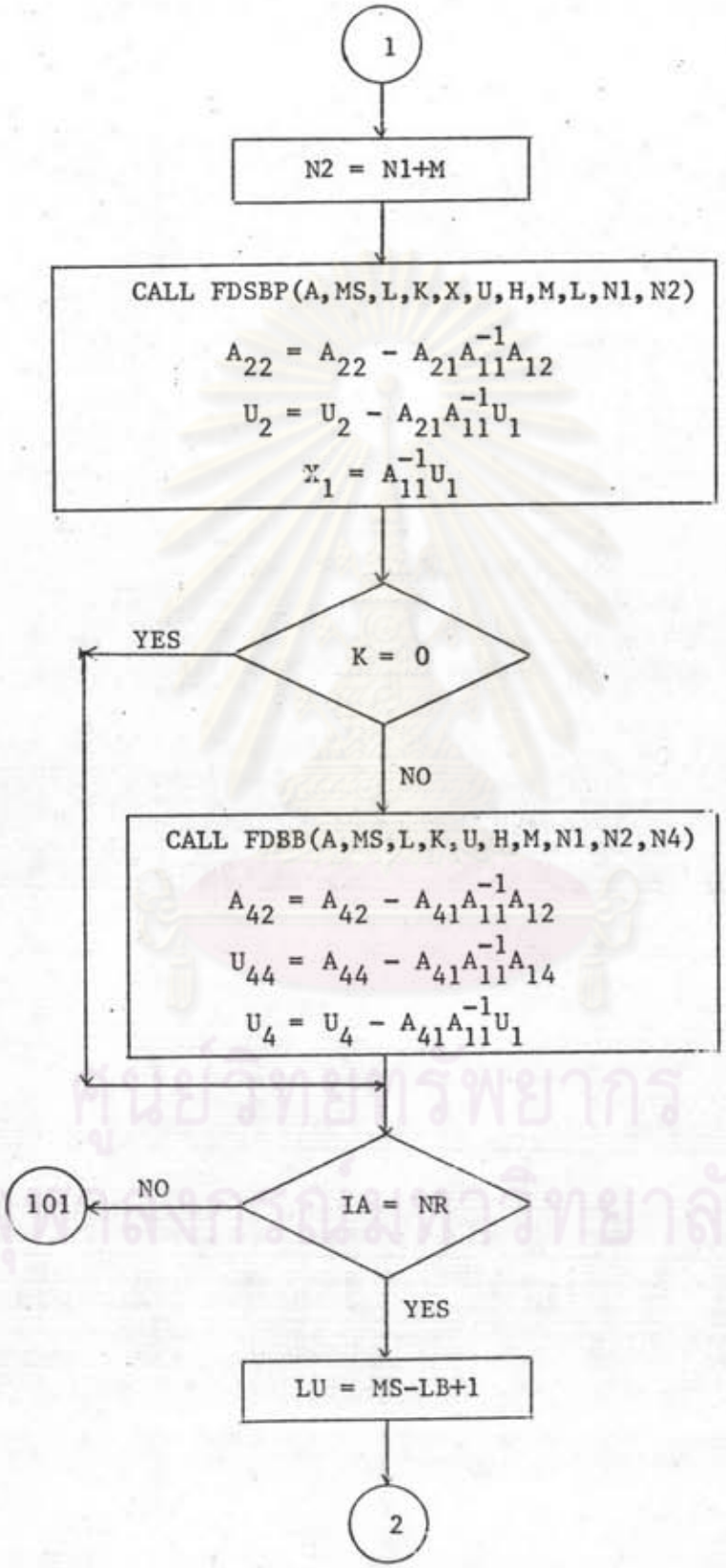
ภาคผนวก ก.

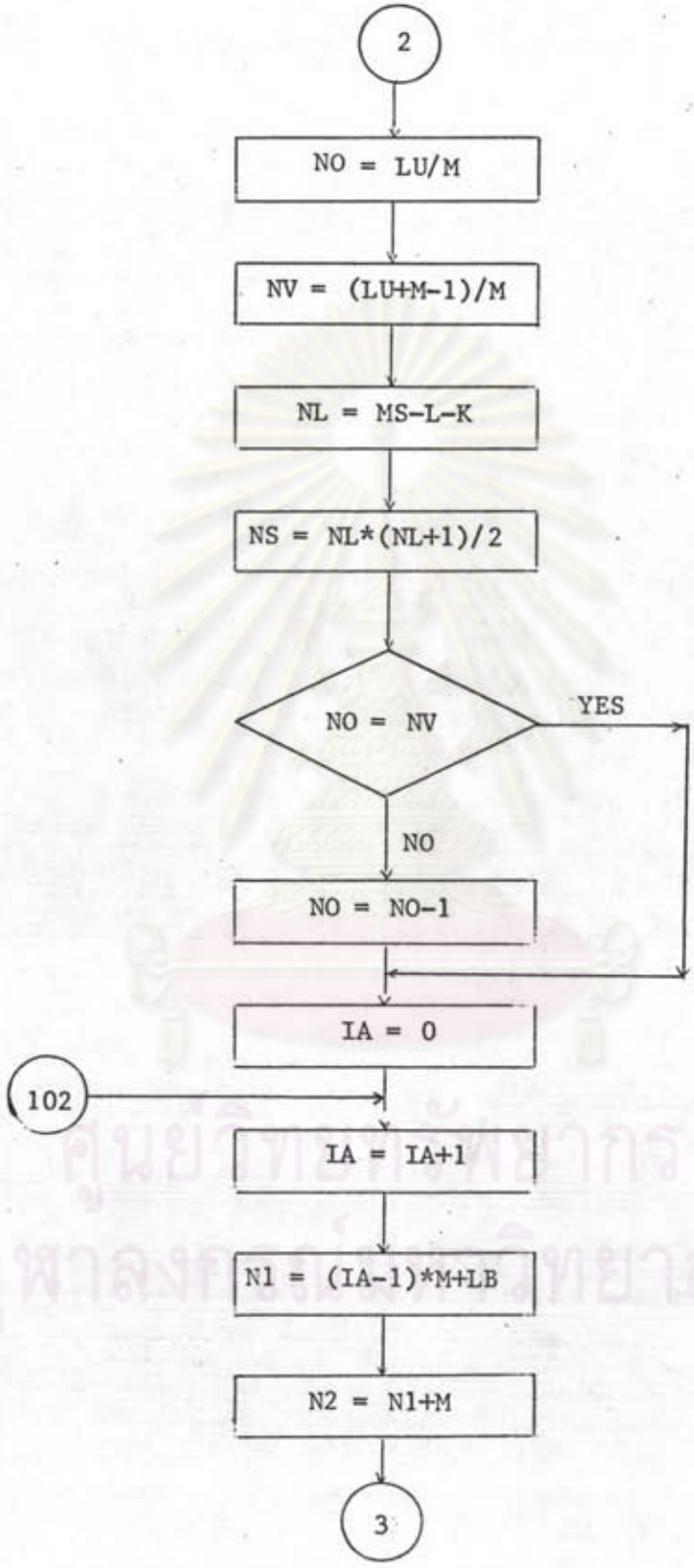
แสดงแผนผังขั้นตอนการทำงานของโปรแกรมต่าง ๆ



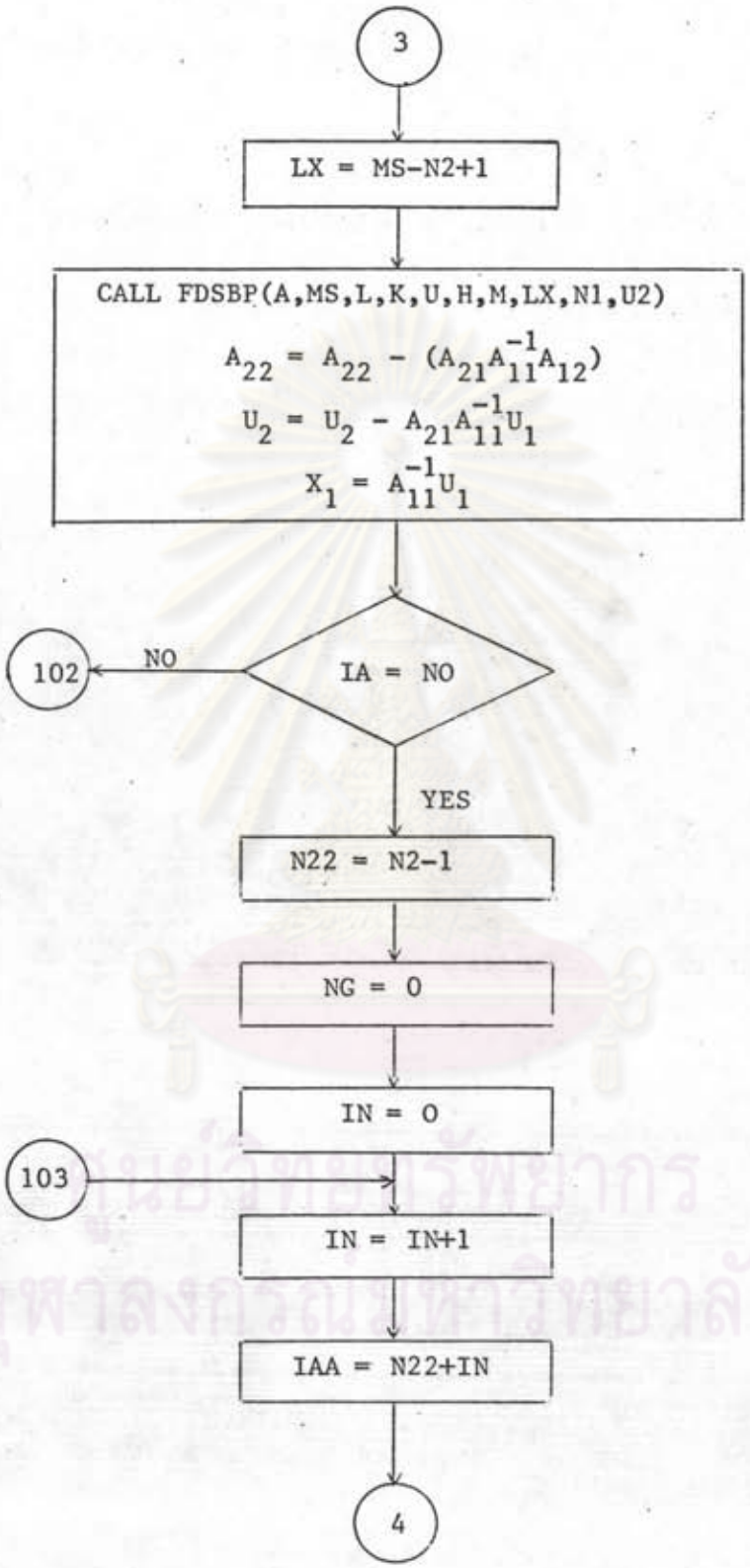
รูป ก.1 แผนผังขั้นตอนการทำงานของโปรแกรม DSBRP


1
N2 = N1+M
CALL FDSBP(A,MS,L,K,X,U,H,M,L,N1,N2)
$A_{22} = A_{22} - A_{21}A_{11}^{-1}A_{12}$
$U_2 = U_2 - A_{21}A_{11}^{-1}U_1$
$X_1 = A_{11}^{-1}U_1$
YES
K = 0
NO
CALL FDBB(A,MS,L,K,U,H,M,N1,N2,N4)
$A_{42} = A_{42} - A_{41}A_{11}^{-1}A_{12}$
$U_{44} = A_{44} - A_{41}A_{11}^{-1}A_{14}$
$U_4 = U_4 - A_{41}A_{11}^{-1}U_1$
101
NO
IA = NR
YES
LU = MS-LB+1
2

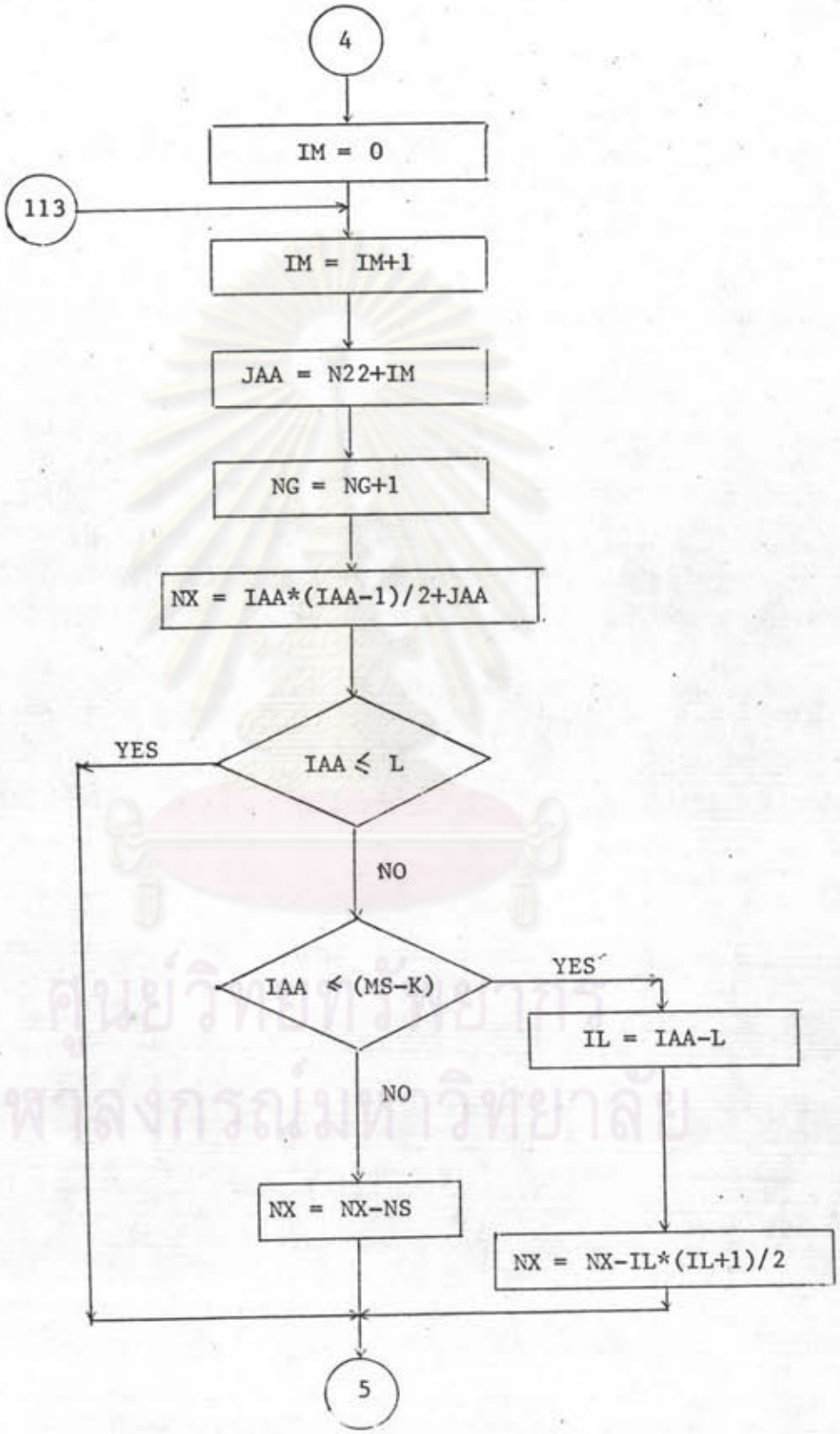
รูป ก.1 (ต่อ)


2
NO = LU/M
NV = (LU+M-1)/M
NL = MS-L-K
NS = NL*(NL+1)/2
NO = NV
YES
NO
NO = NO-1
IA = 0
102
IA = IA+1
N1 = (IA-1)*M+LB
N2 = N1+M
3

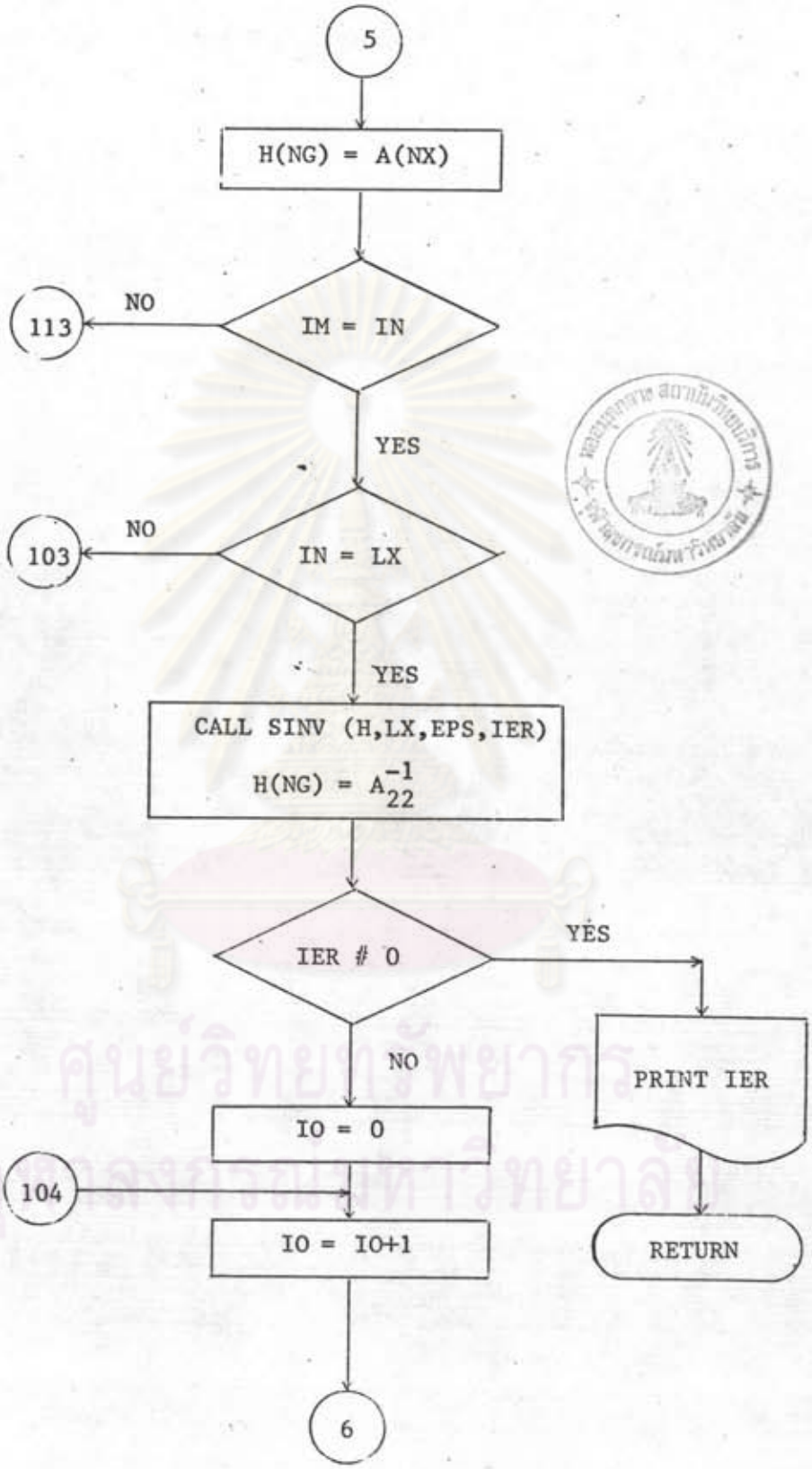
รูป ก.1 (ต่อ)


3
LX = MS-N2+1
CALL FDSBP(A,MS,L,K,U,H,M,LX,N1,U2)
$A_{22} = A_{22} - (A_{21}A_{11}^{-1}A_{12})$
$U_2 = U_2 - A_{21}A_{11}^{-1}U_1$
$X_1 = A_{11}^{-1}U_1$
IA = NO
NO
102
YES
N22 = N2-1
NG = 0
IN = 0
103
IN = IN+1
IAA = N22+IN
4

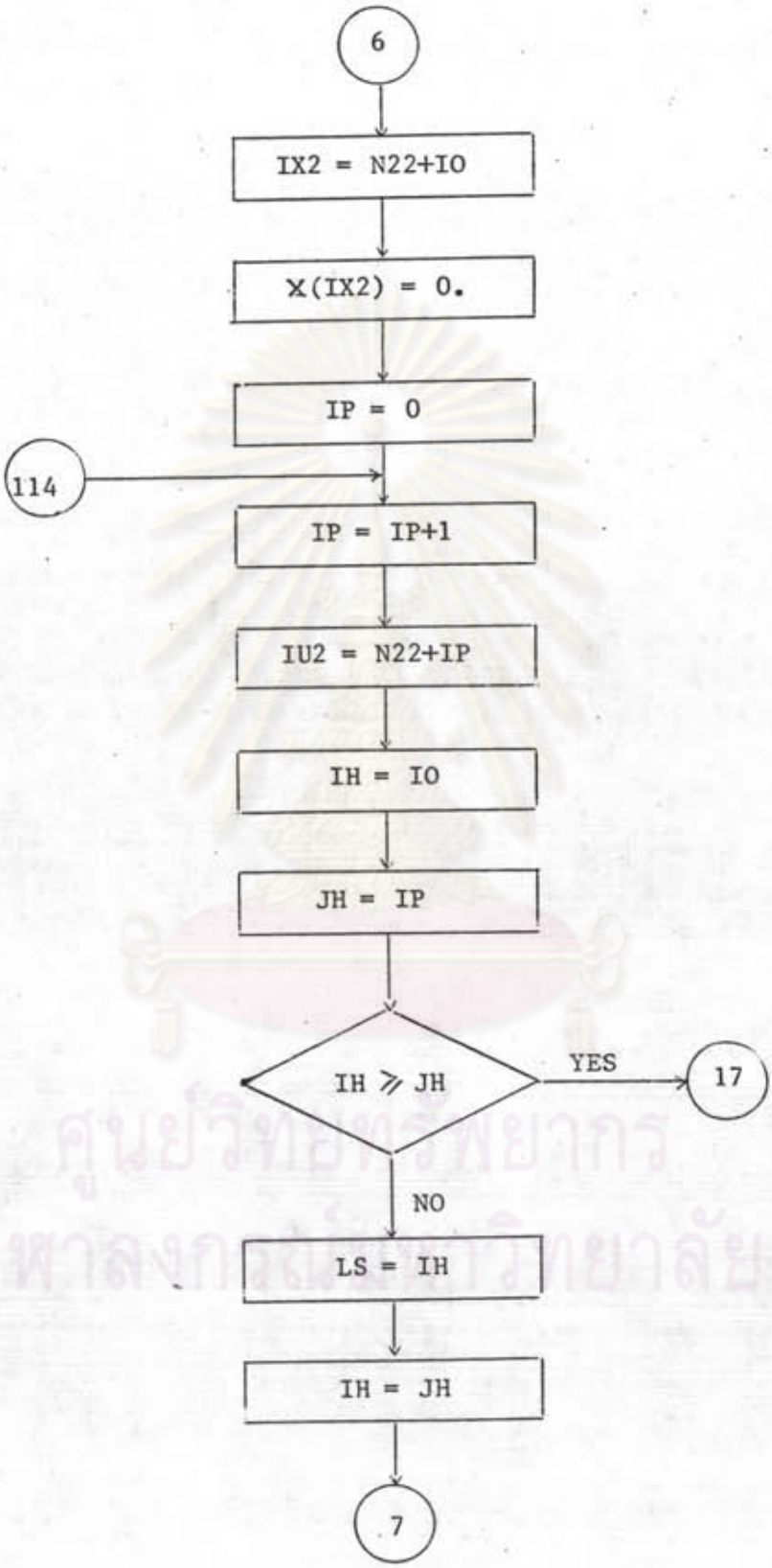
รูป ก.1 (ต่อ)



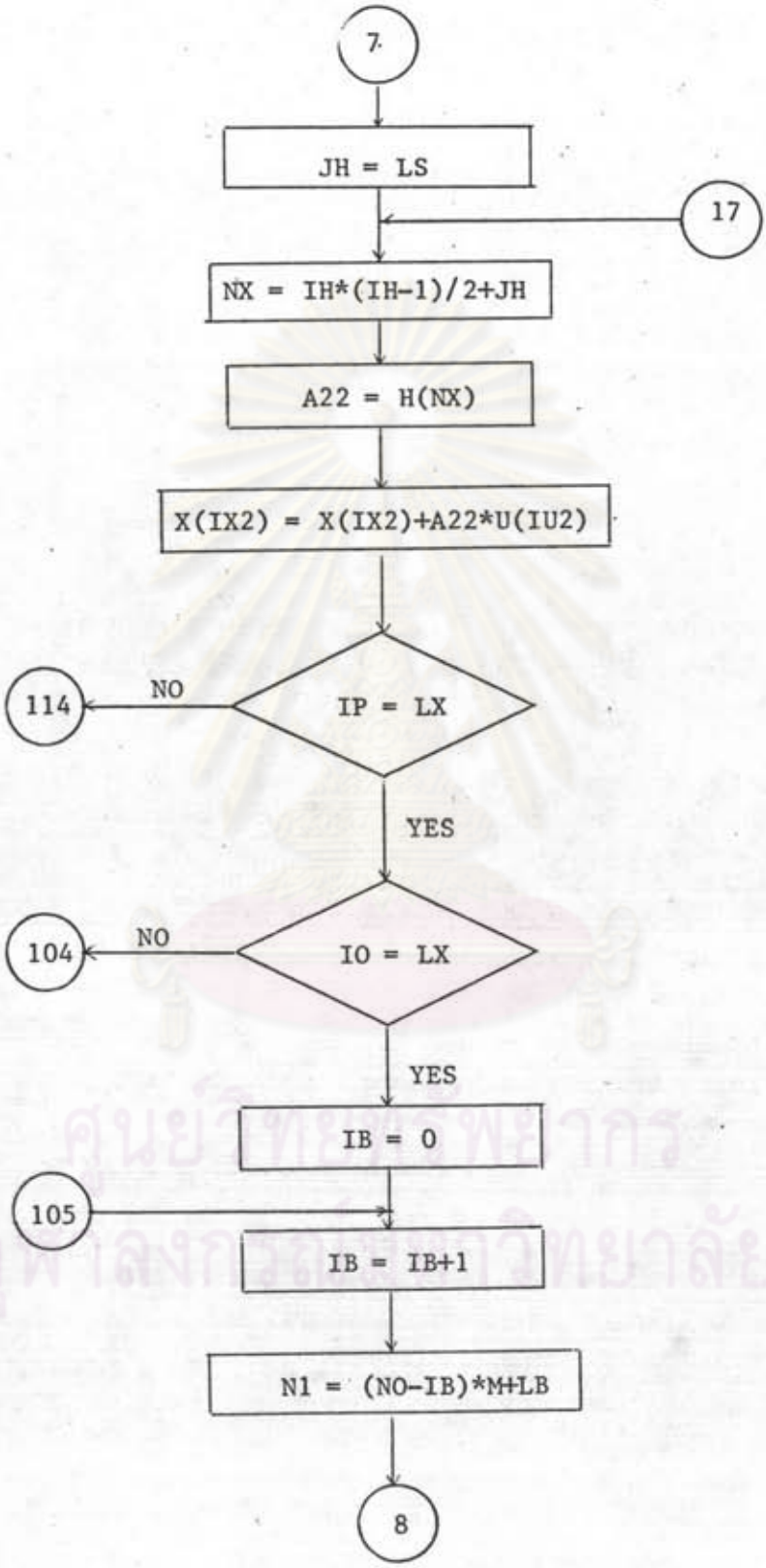
รูป ก.1 (ต่อ)


5
H(NG) = A(NX)
IM = IN
NO
113
YES
IN = LX
NO
103
YES
CALL SINV (H,LX,EPS,IER)
H(NG) = A22-1
IER # 0
YES
PRINT IER
RETURN
NO
IO = 0
104
IO = IO+1
6

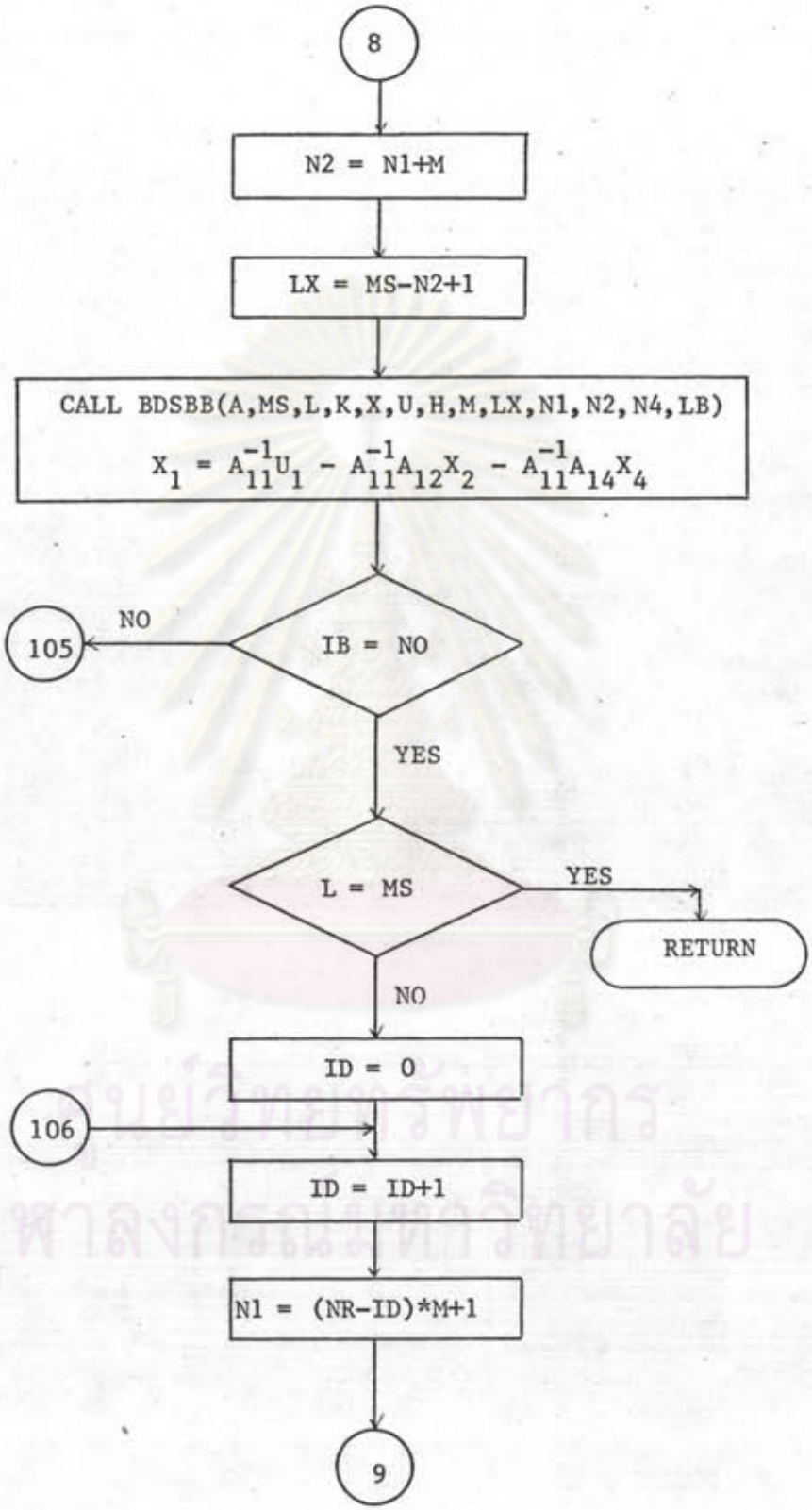
รูป ก.1 (ต่อ)



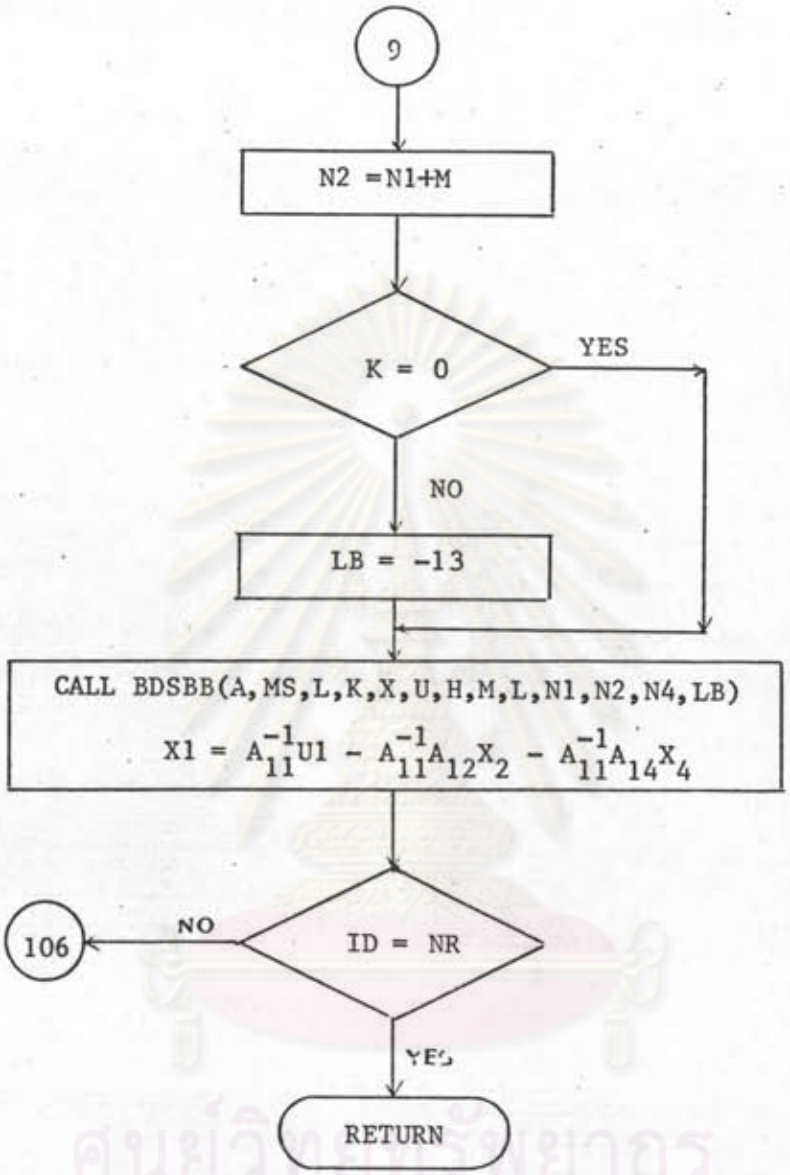
รูป ก.1 (ต่อ)


7
JH = LS
17
NX = IH*(IH-1)/2+JH
A22 = H(NX)
X(IX2) = X(IX2)+A22*U(IU2)
IP = LX
NO
114
YES
IO = LX
NO
104
YES
IB = 0
105
IB = IB+1
N1 = (NO-IB)*M+LB
8

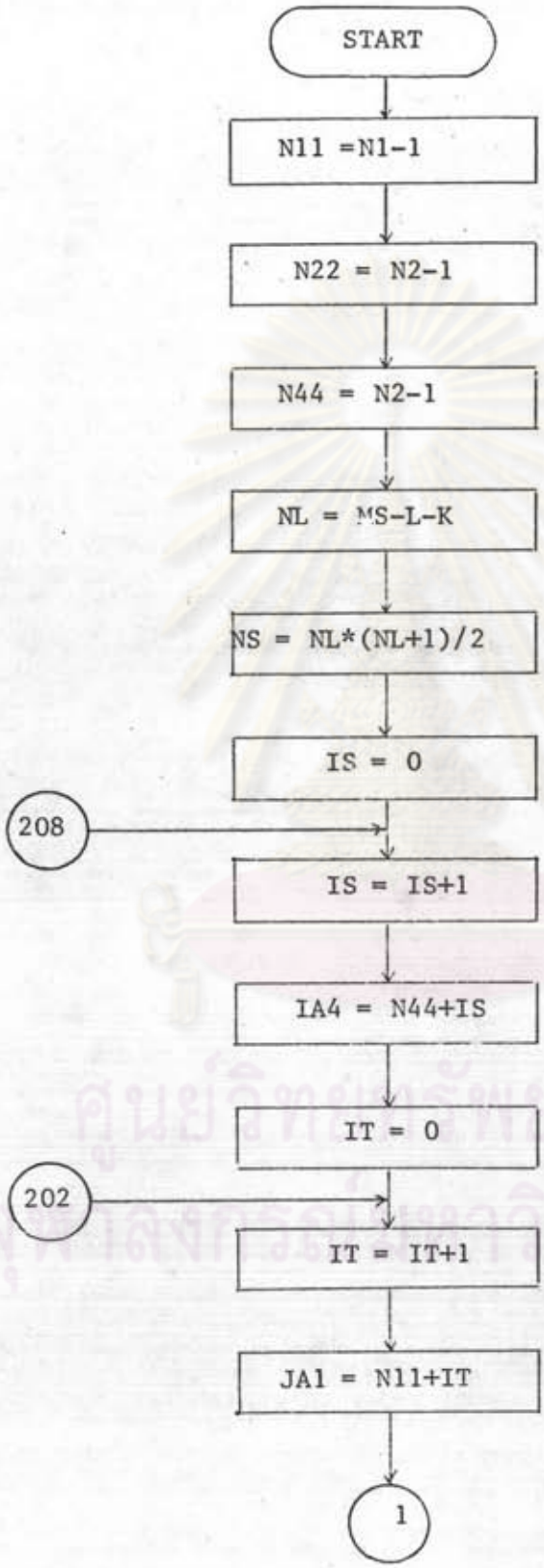
รูป ก.1 (ต่อ)


8
N2 = N1+M
LX = MS-N2+1
CALL BDSBB(A,MS,L,K,X,U,H,M,LX,N1,N2,N4,LB)
$X_1 = A_{11}^{-1}U_1 - A_{11}^{-1}A_{12}X_2 - A_{11}^{-1}A_{14}X_4$
IB = NO
NO
105
YES
L = MS
YES
RETURN
NO
ID = 0
106
ID = ID+1
N1 = (NR-ID)*M+1
9

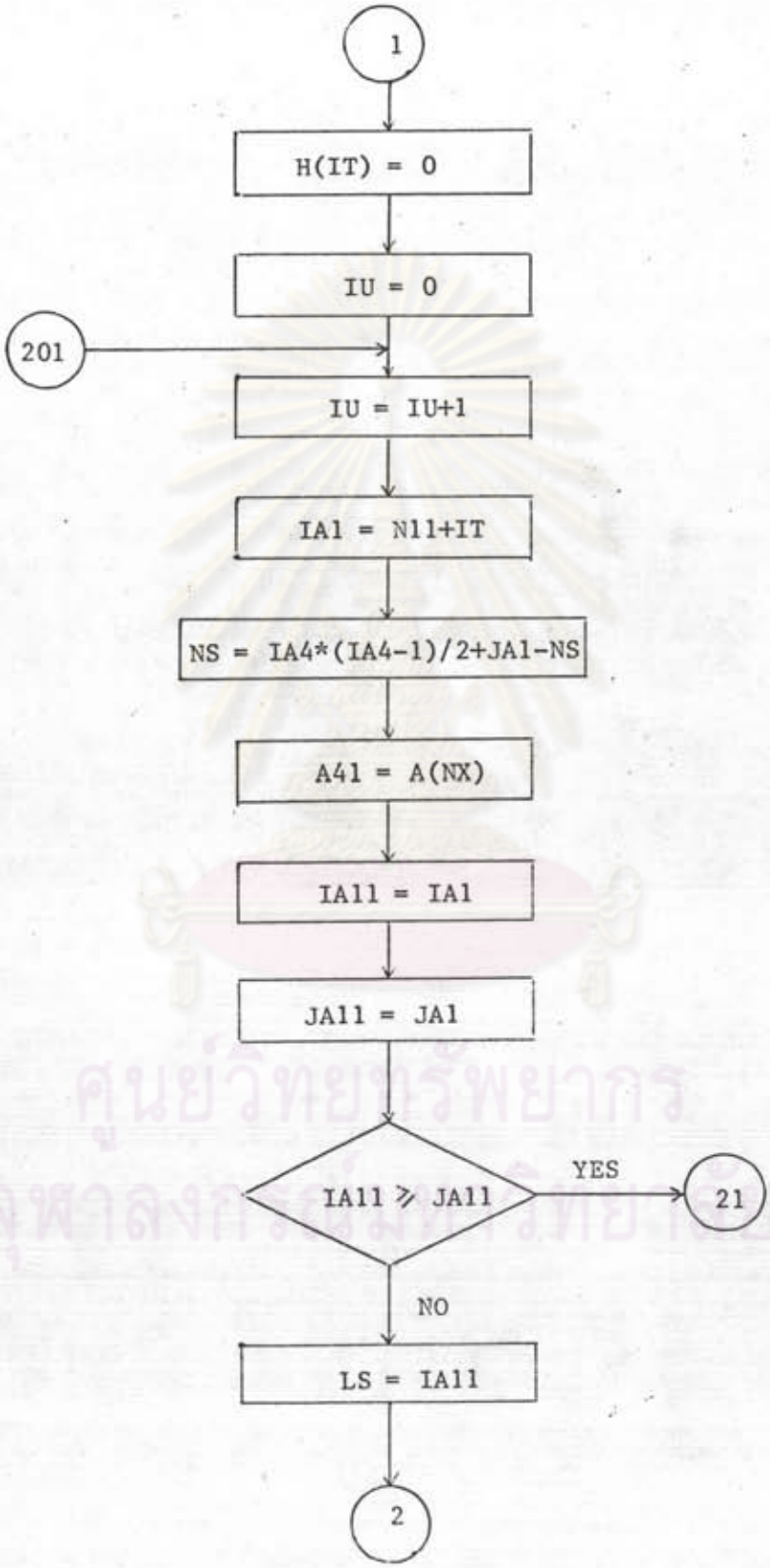
รูป ก.1 (ต่อ)



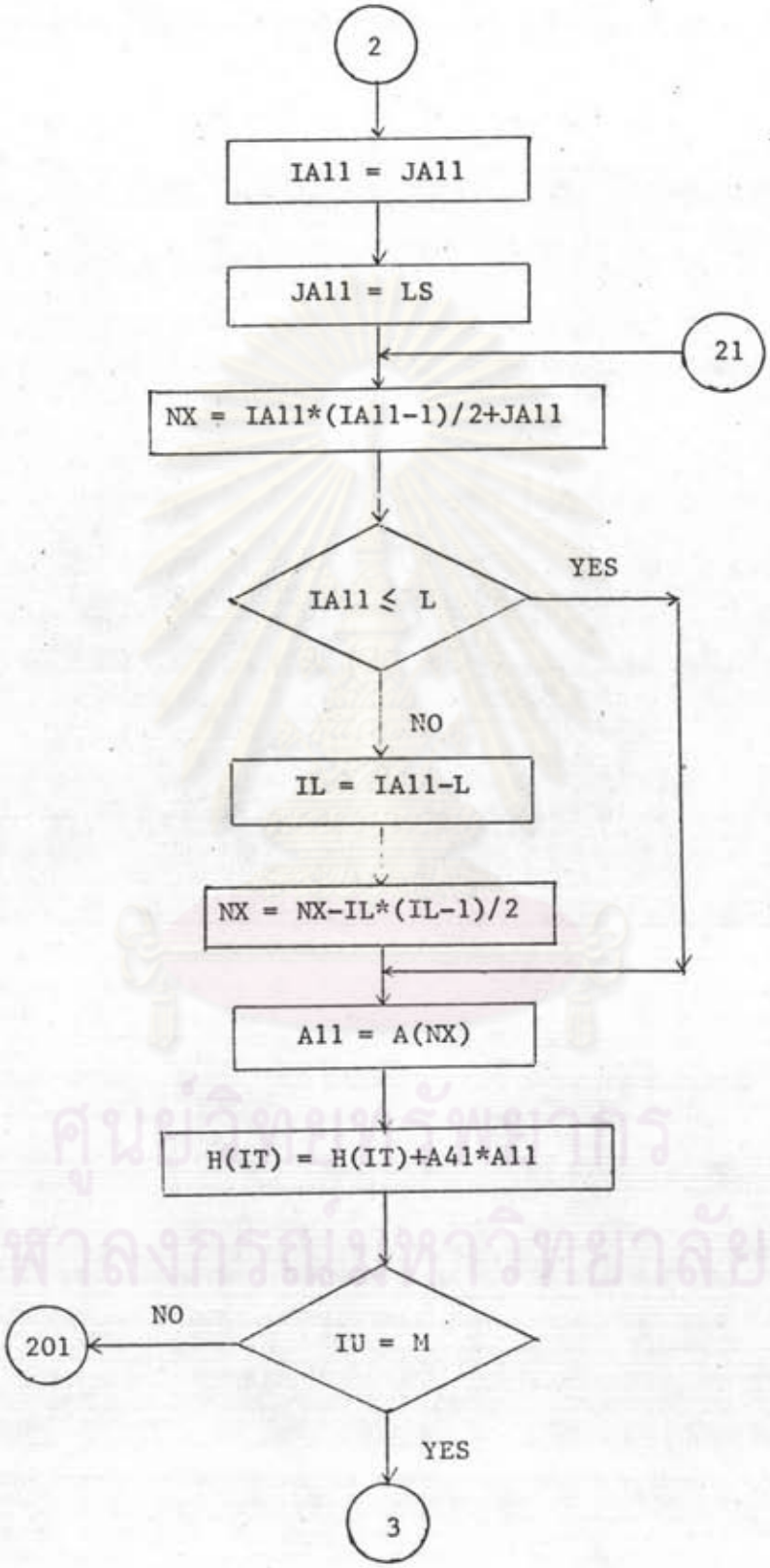
รูป ก.1 (ต่อ)



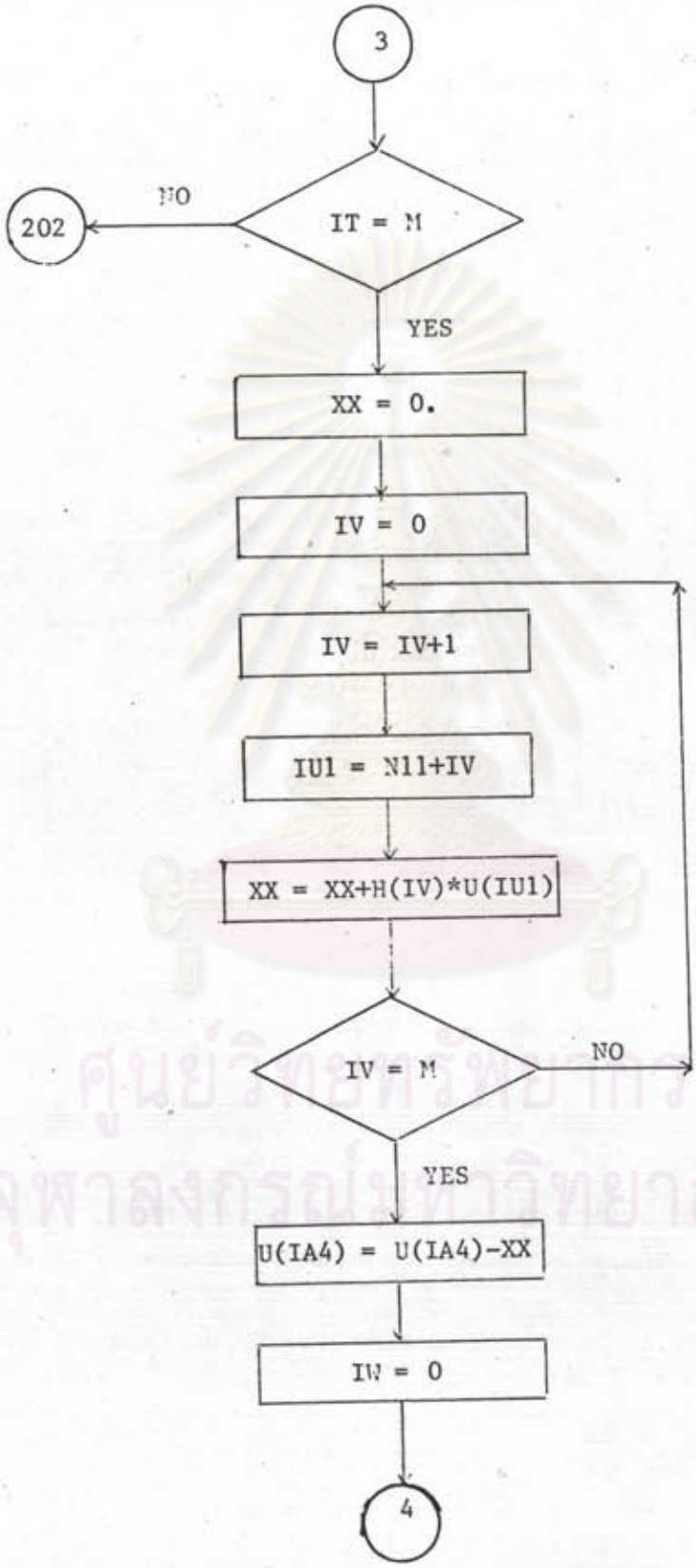
รูป ก.2 แผนผังขั้นตอนการทำงานของโปรแกรม FDSBB



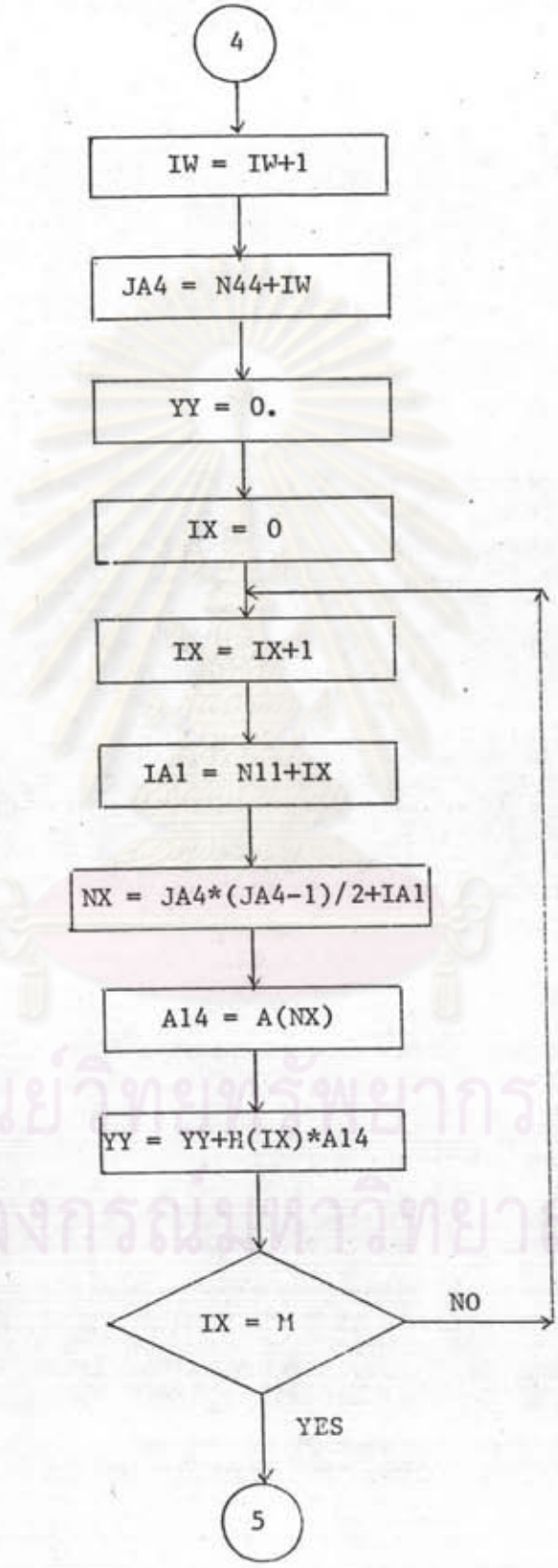
รูป ก.๔ (ต่อ)


2
IA11 = JA11
JA11 = LS
21
NX = IA11*(IA11-1)/2+JA11
IA11 ≤ L
YES
NO
IL = IA11-L
NX = NX-IL*(IL-1)/2
A11 = A(NX)
H(IT) = H(IT)+A41*A11
IU = M
NO
201
YES
3

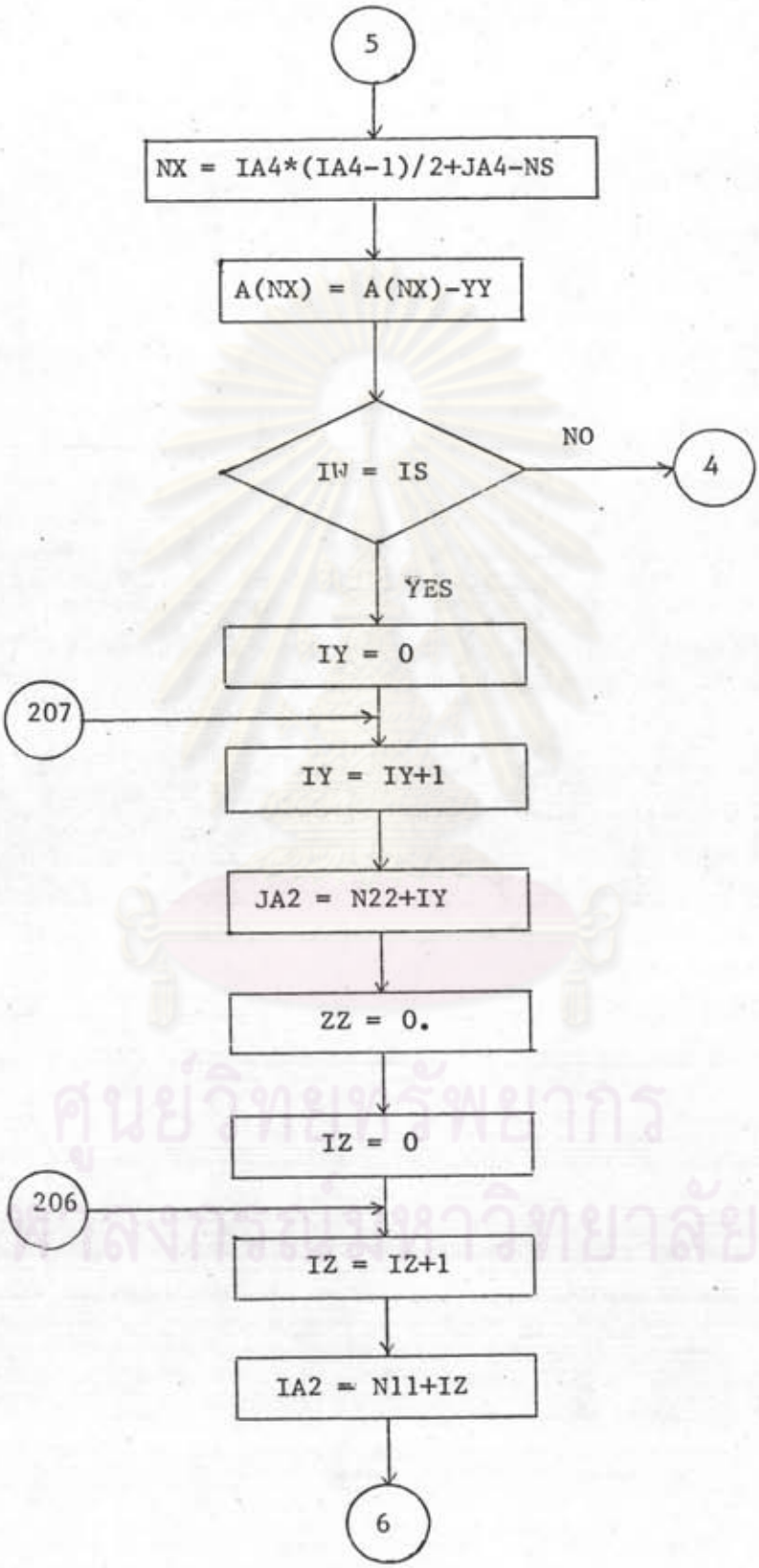
รูป ก.2 (ต่อ)



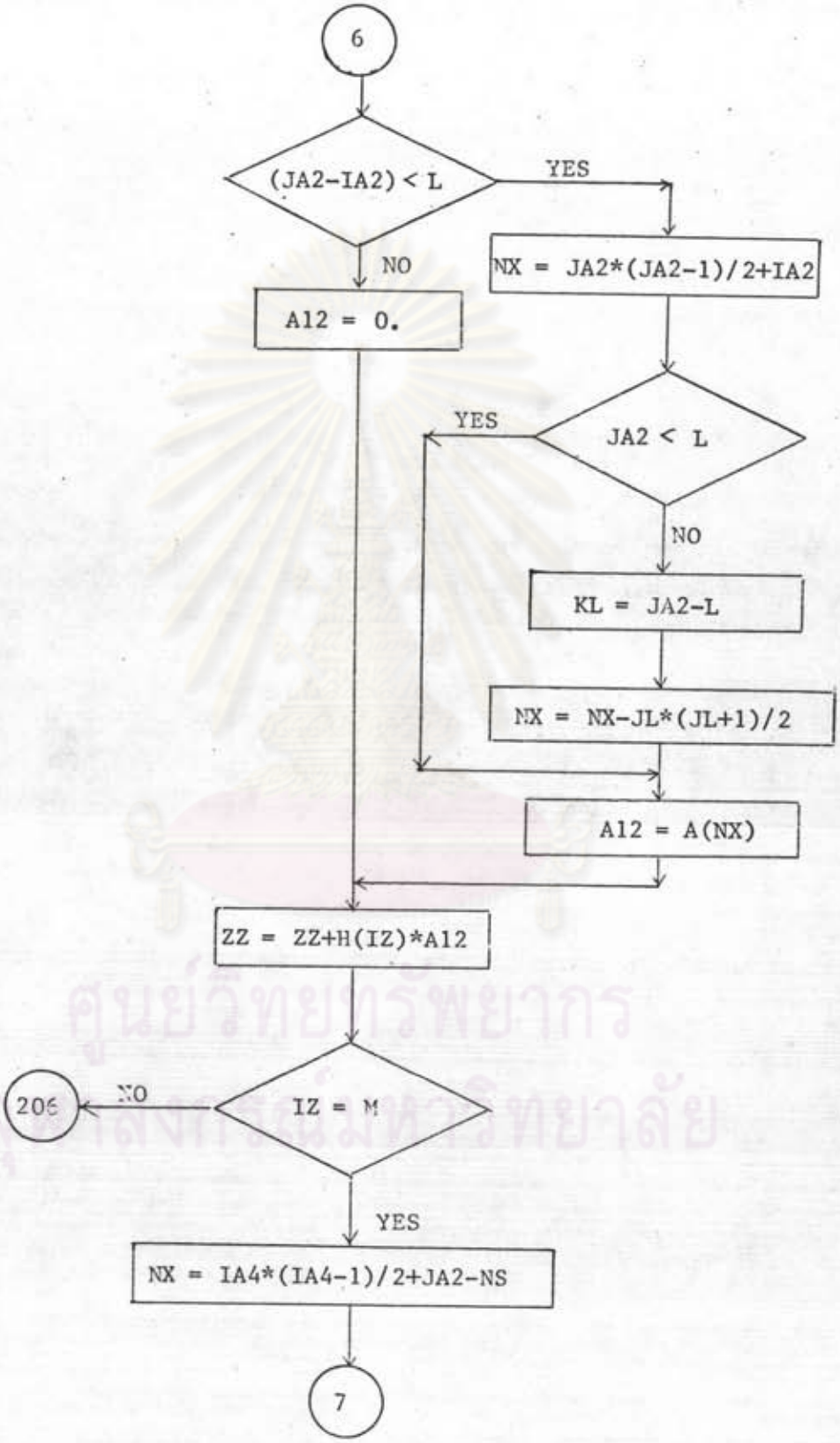
รูป ก.2 (ต่อ)


4
IW = IW+1
JA4 = N44+IW
YY = 0.
IX = 0
IX = IX+1
IA1 = N11+IX
NX = JA4*(JA4-1)/2+IA1
A14 = A(NX)
YY = YY+H(IX)*A14
IX = M
NO
YES
5

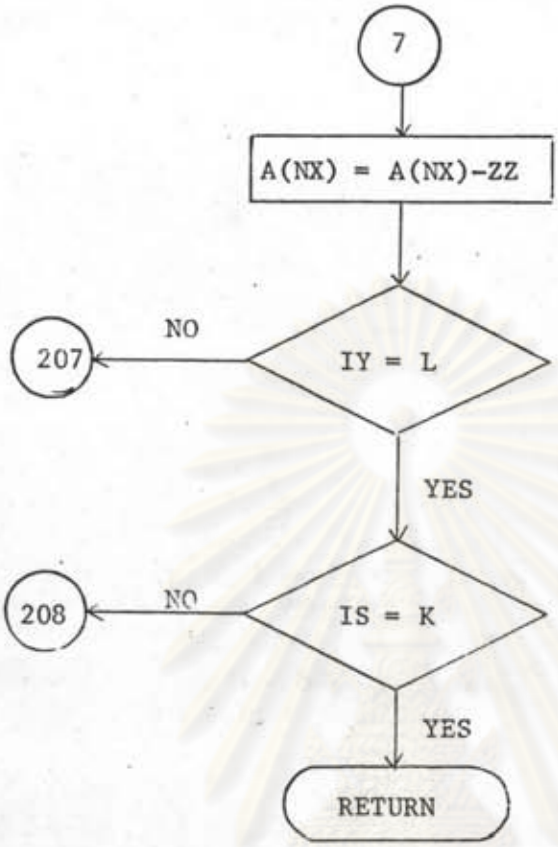
รูป ก.2 (ต่อ)



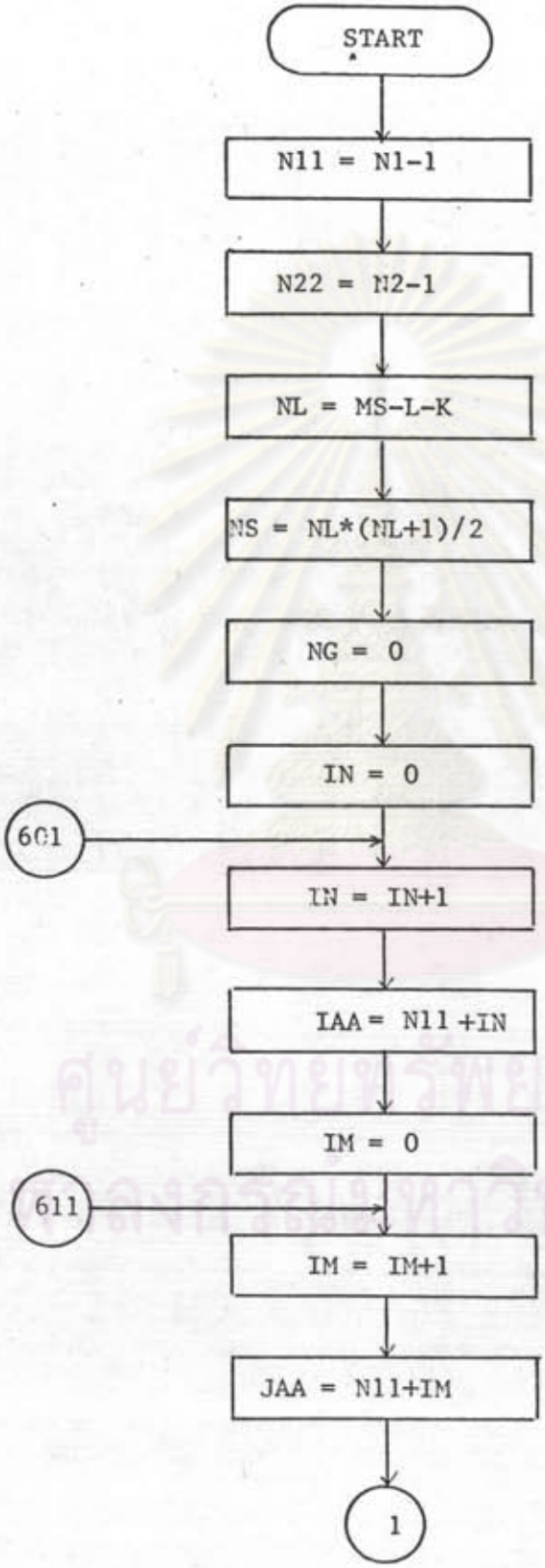
รูป ก.2 (ต่อ)


6
(JA2-IA2) < L
YES
NO
NX = JA2*(JA2-1)/2+IA2
A12 = 0.
JA2 < L
YES
NO
KL = JA2-L
NX = NX-JL*(JL+1)/2
A12 = A(NX)
ZZ = ZZ+H(IZ)*A12
IZ = M
NO
206
YES
NX = IA4*(IA4-1)/2+JA2-NS
7

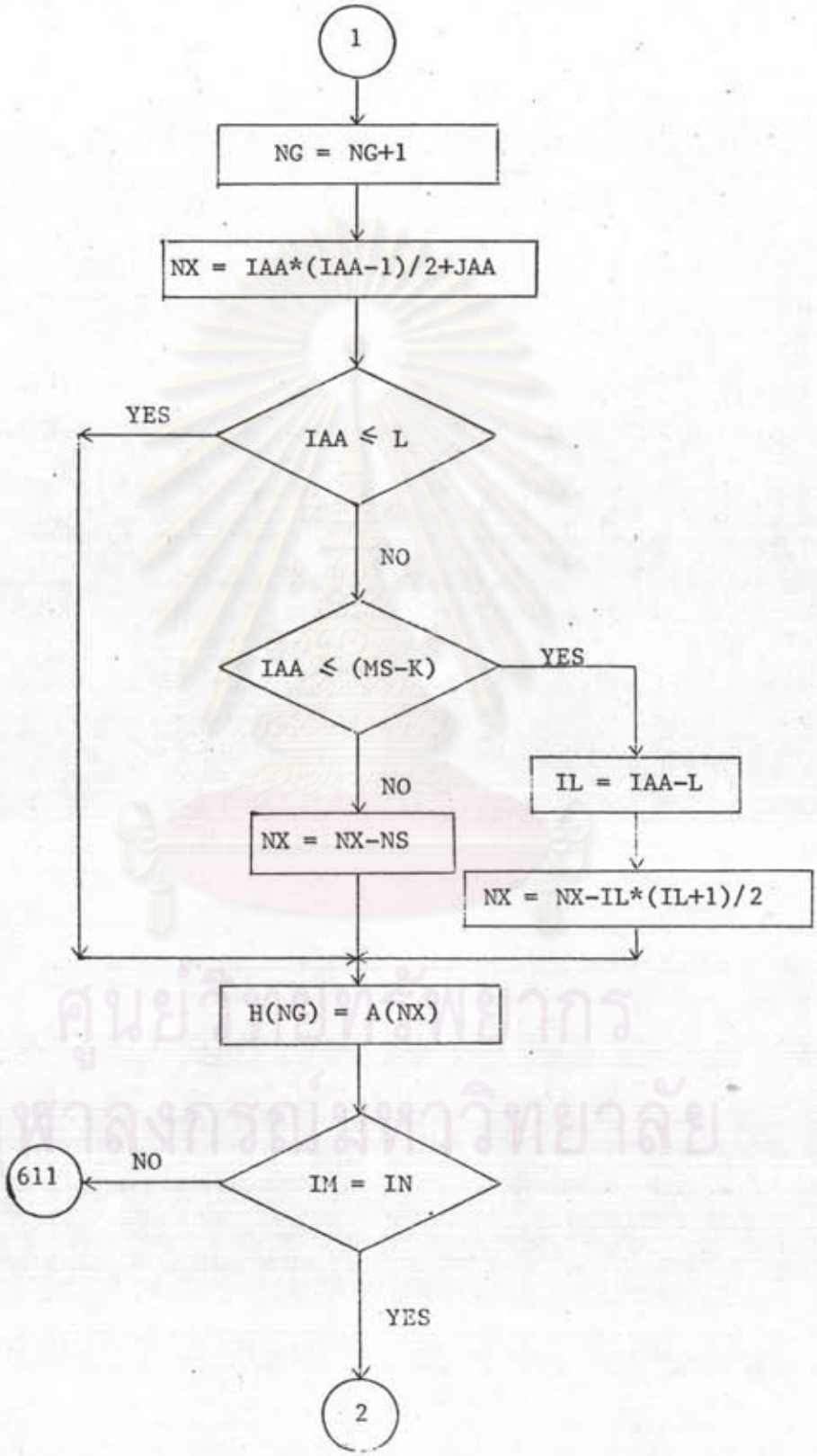
รูป ก.2 (ต่อ)



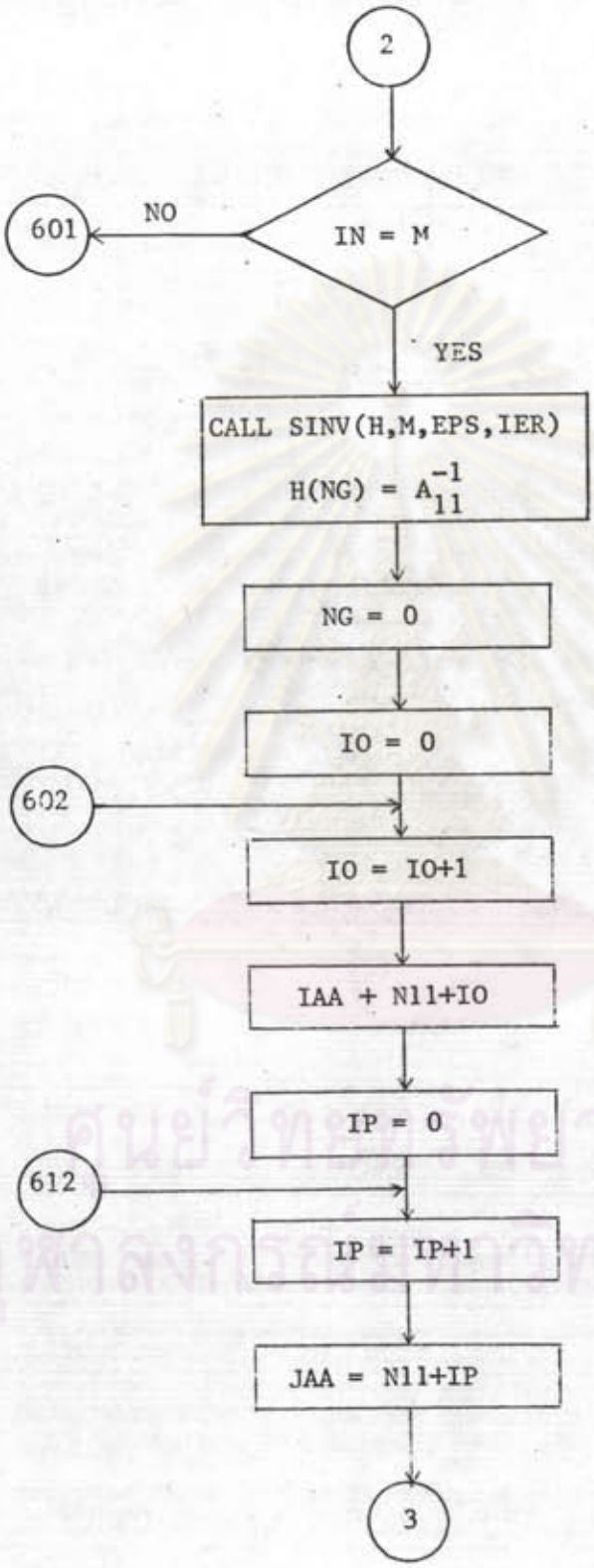
รูป ก.2 (ต่อ)



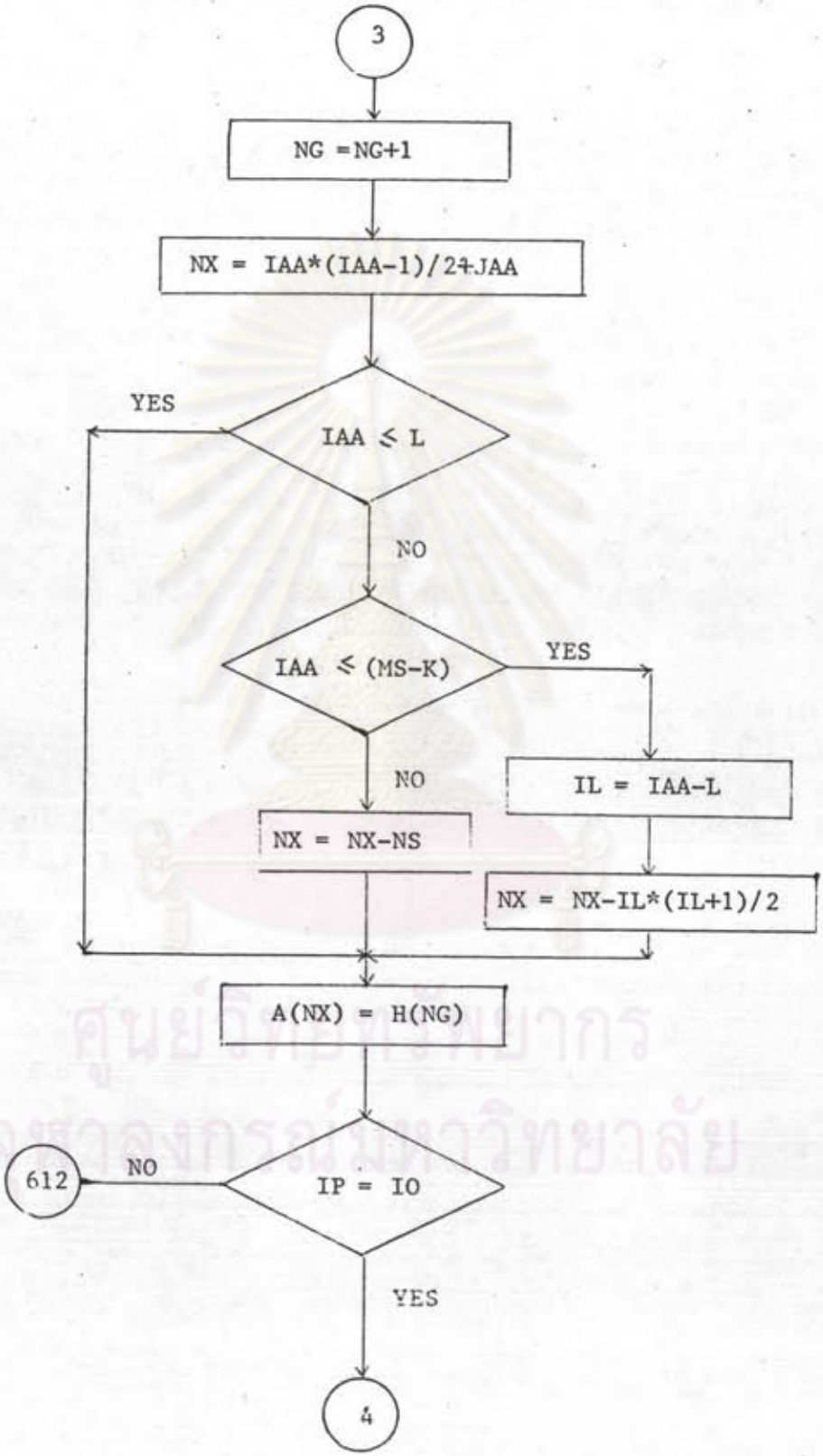
รูป ก.3 แผนผังขั้นตอนการทำงานของโปรแกรม FDSBP



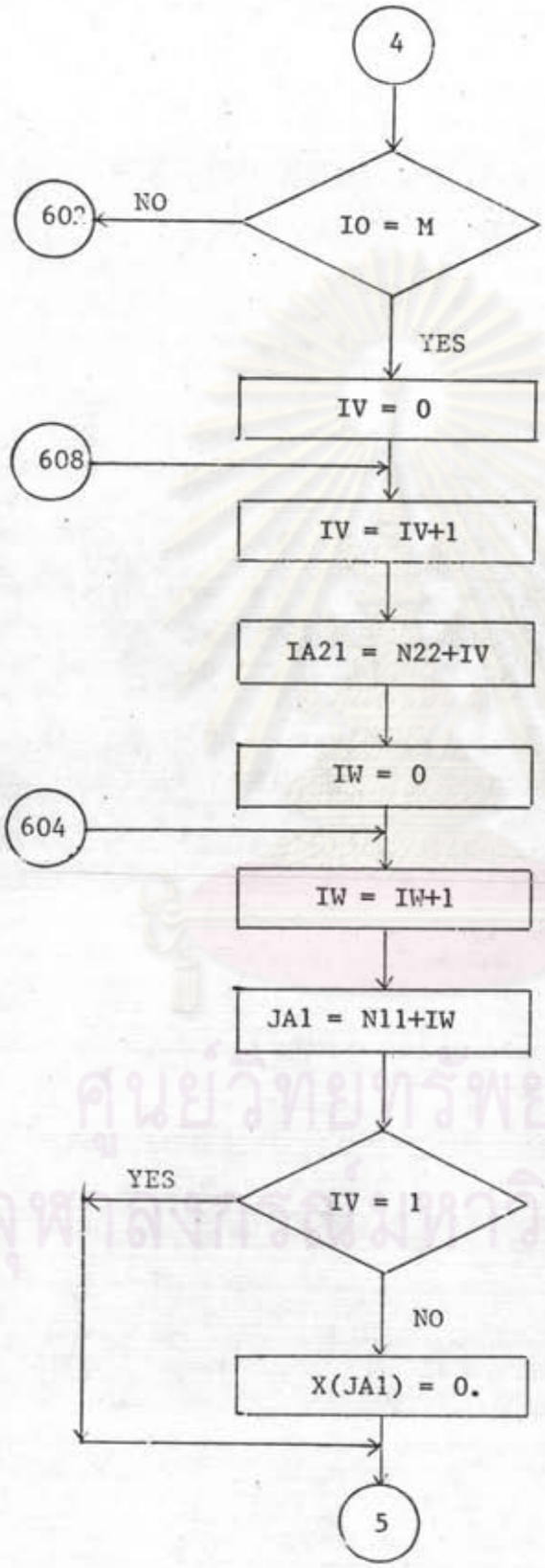
รูป ก.3 (ต่อ)



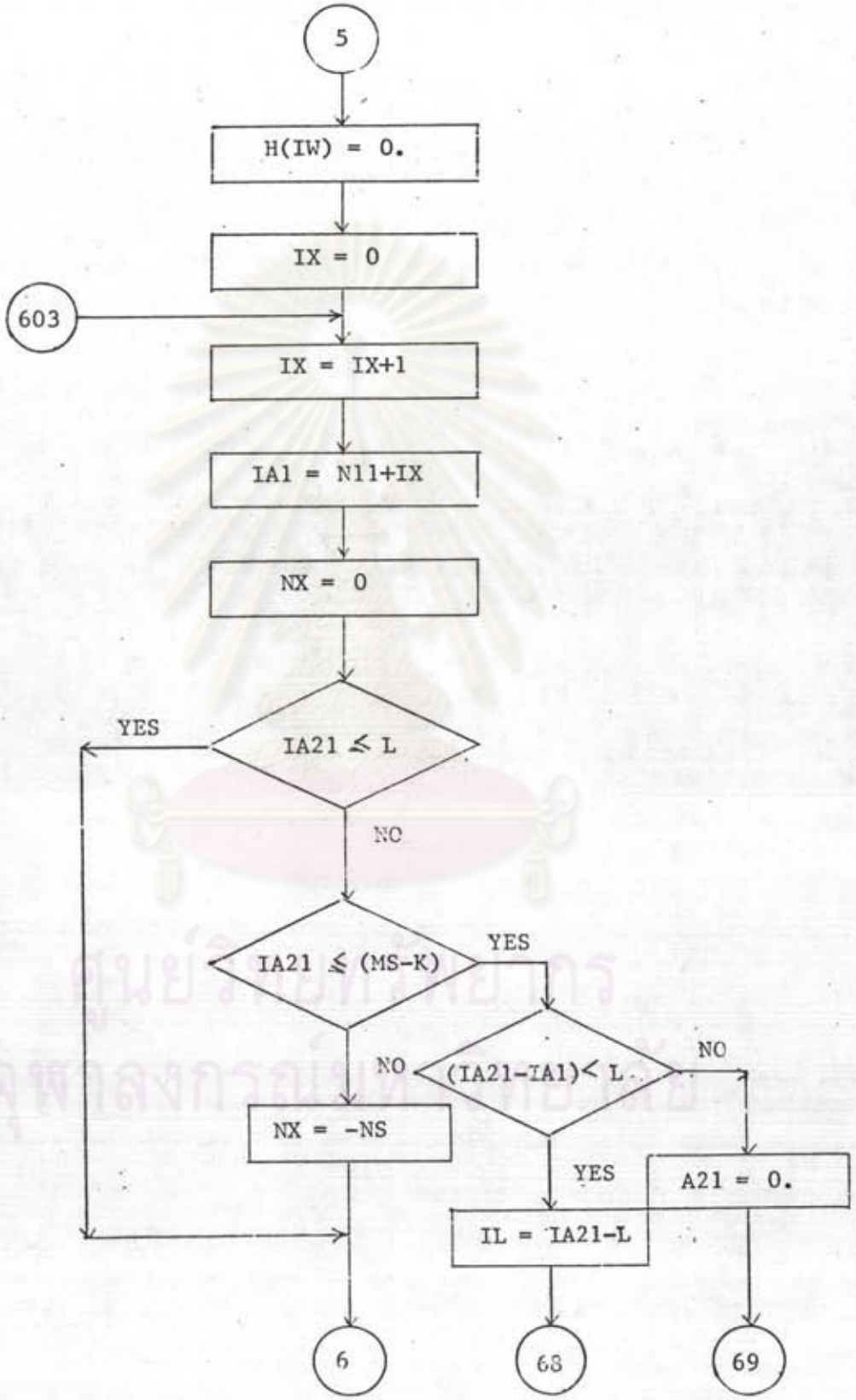
รูป ก.3 (ต่อ)



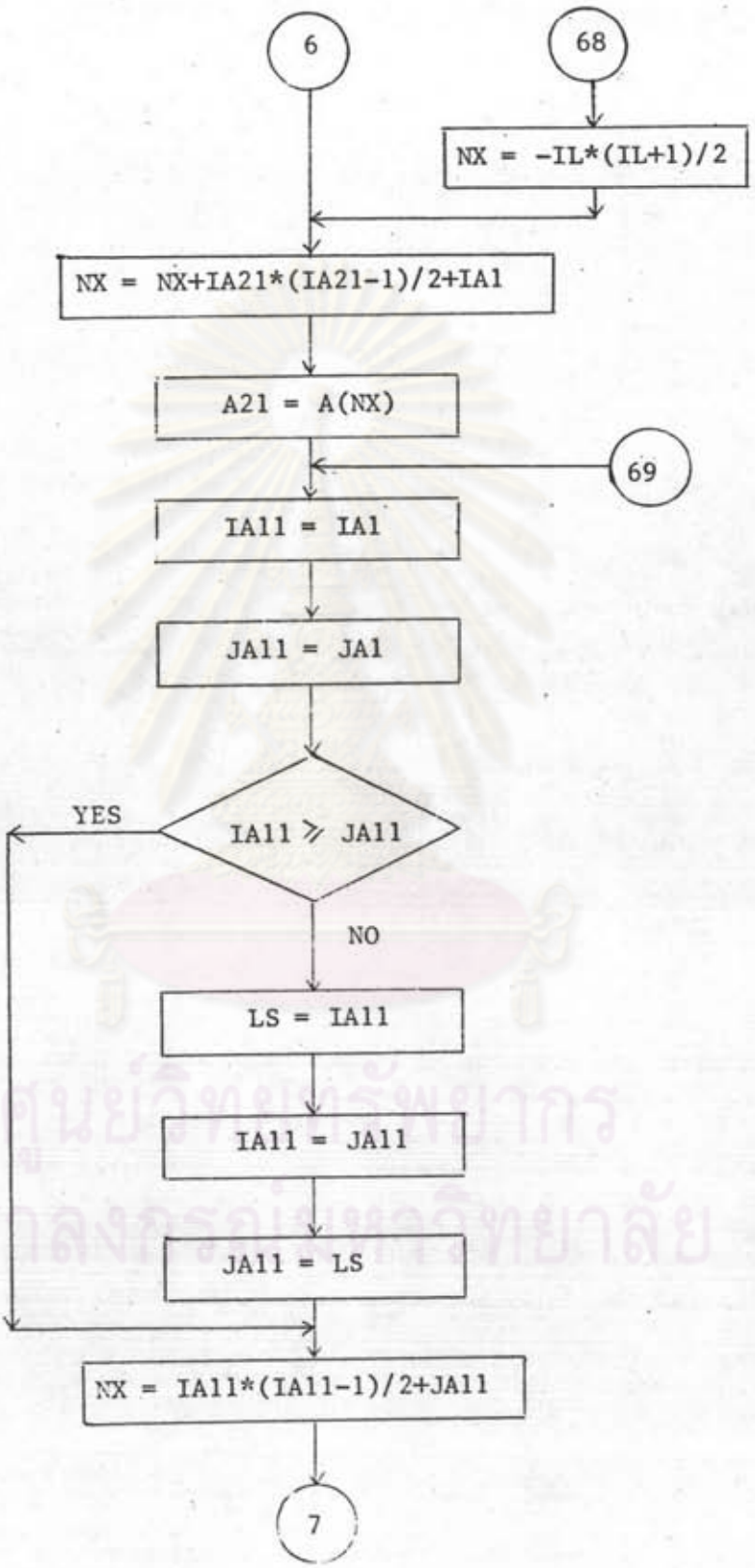
รูป ก.3 (ต่อ)



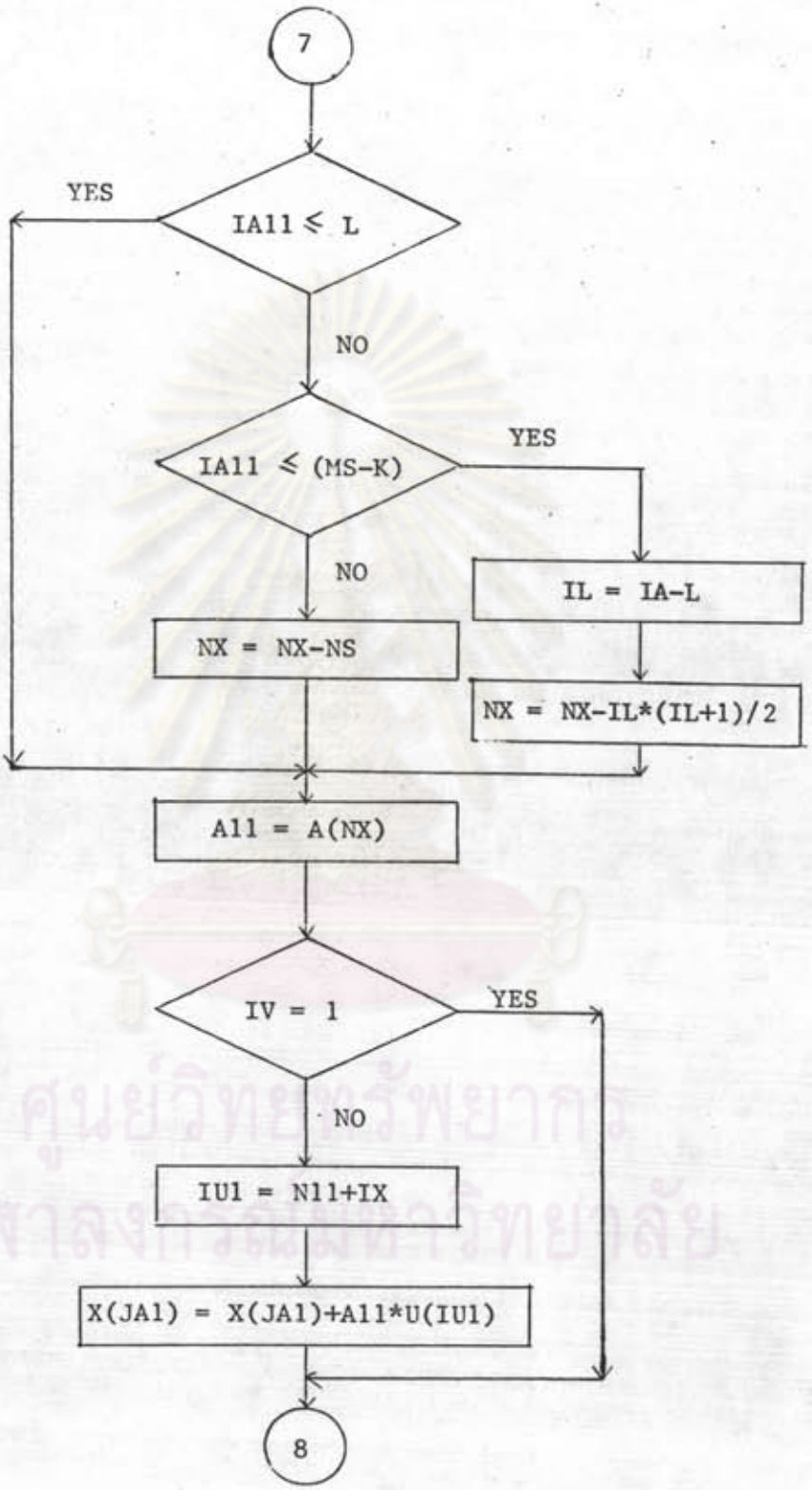
รูป ก.3 (ต่อ)


5
H(IW) = 0.
IX = 0
603
IX = IX+1
IA1 = N11+IX
NX = 0
IA21 ≤ L
YES
NO
IA21 ≤ (MS-K)
YES
NO
(IA21-IA1)< L
NO
NX = -NS
YES
A21 = 0.
IL = IA21-L
6
68
69

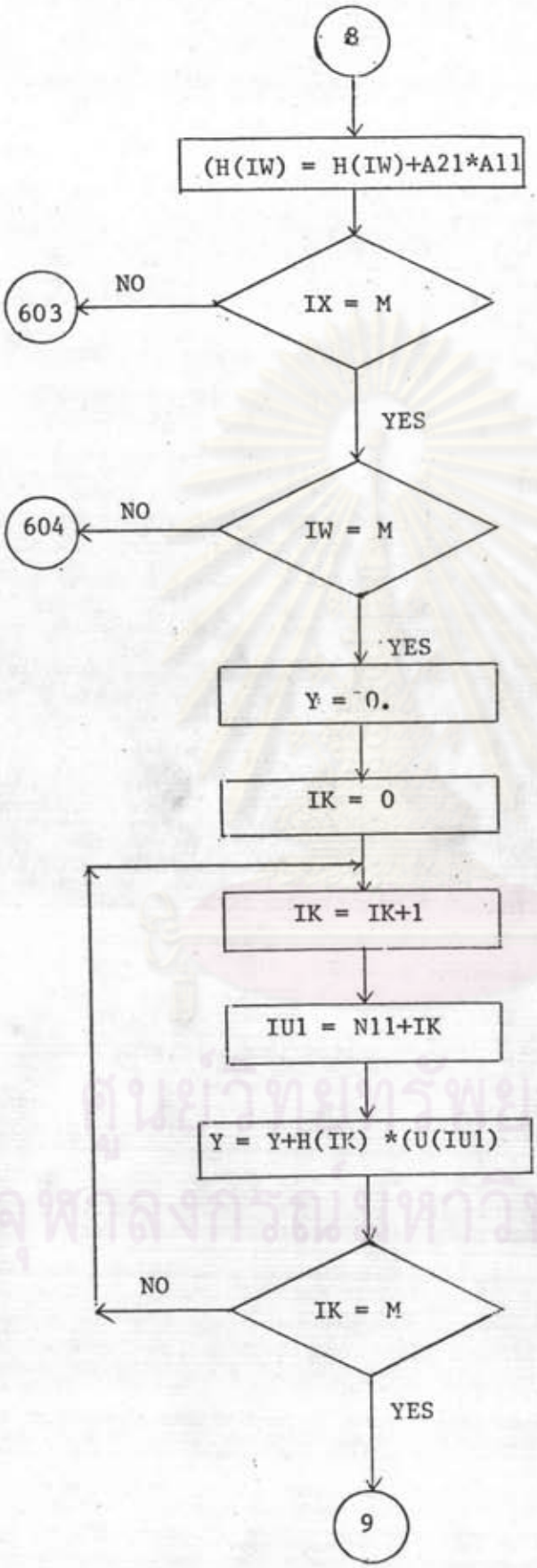
รูป ก.๓ (ต่อ)


6
68
NX = -IL*(IL+1)/2
NX = NX+IA21*(IA21-1)/2+IA1
A21 = A(NX)
69
IA11 = IA1
JA11 = JA1
YES
IA11 ⩾ JA11
NO
LS = IA11
IA11 = JA11
JA11 = LS
NX = IA11*(IA11-1)/2+JA11
7

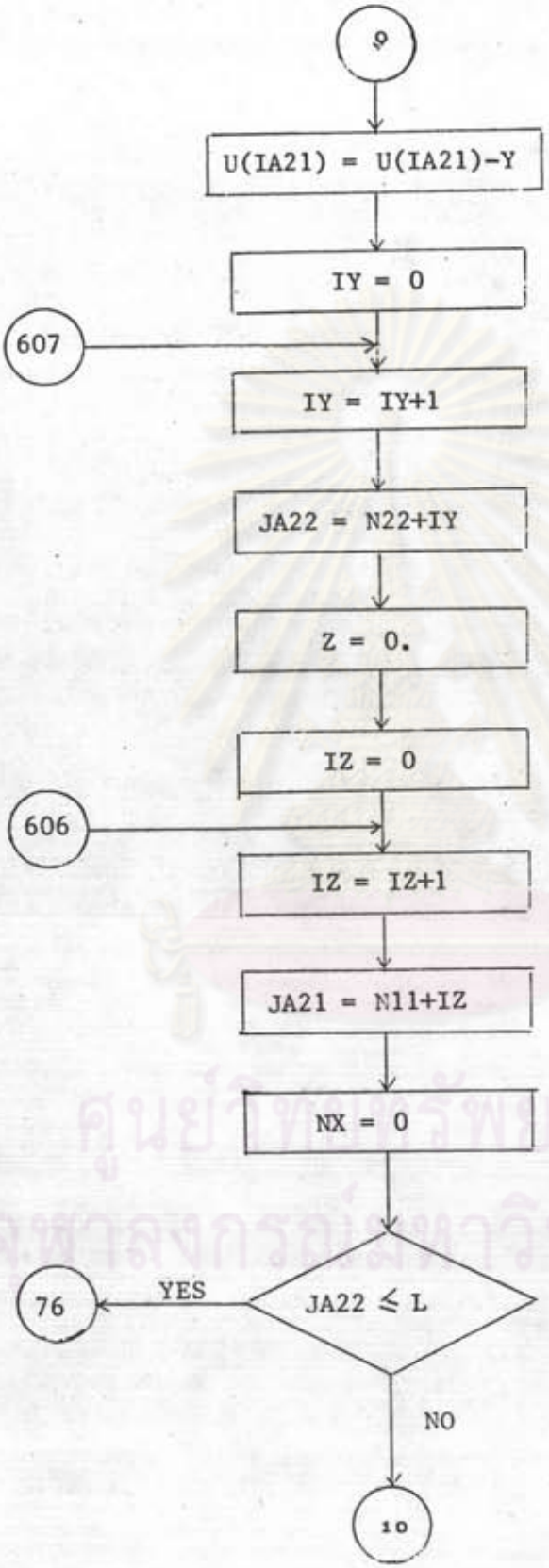
รูป ก.3 (ต่อ)



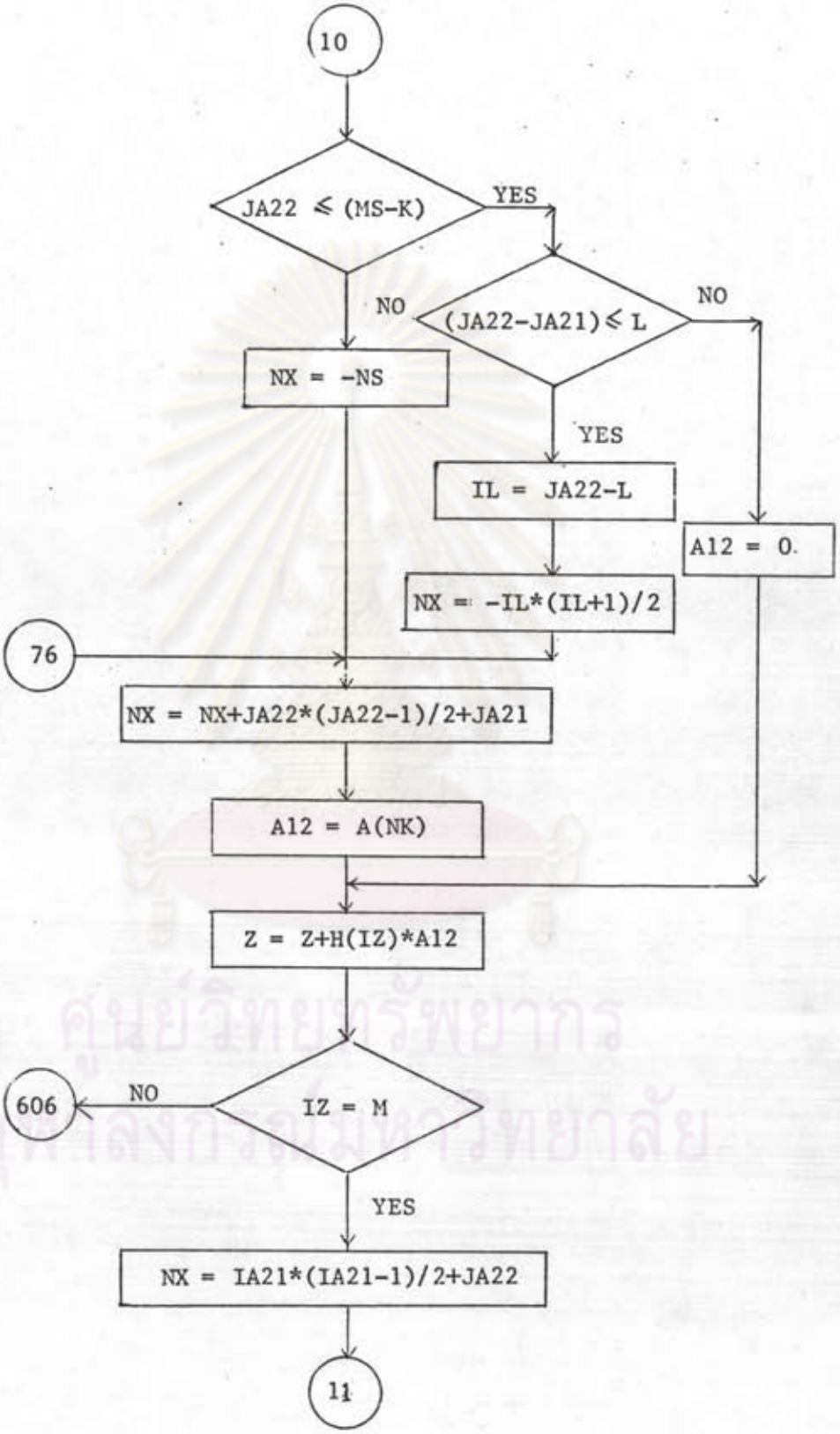
รูป ก.3 (ต่อ)


8
(H(IW) = H(IW)+A21*A11
IX = M
NO
603
YES
IW = M
NO
604
YES
Y = 0.
IK = 0
IK = IK+1
IU1 = N11+IK
Y = Y+H(IK) *(U(IU1)
IK = M
NO
YES
9

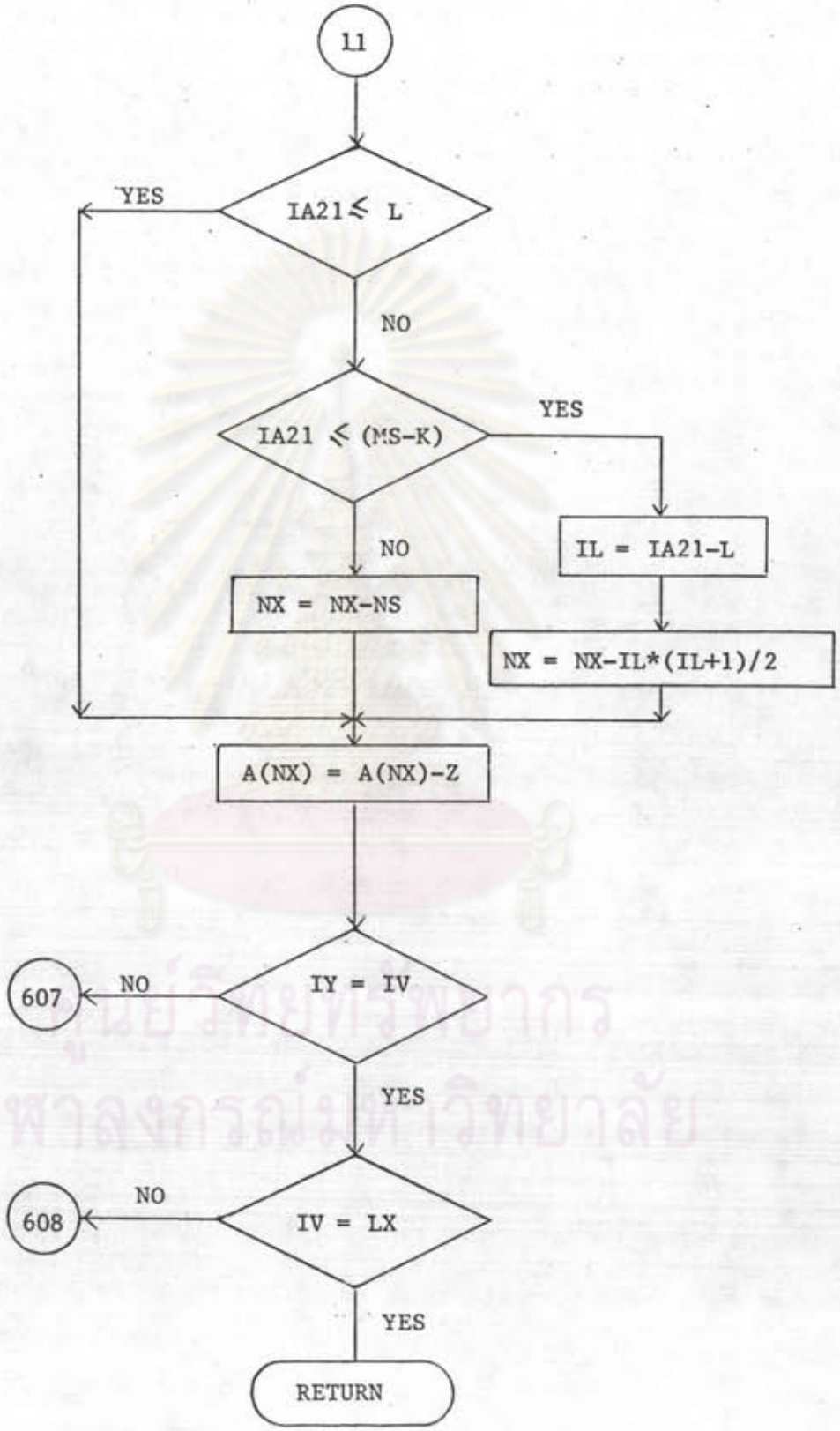
รูป ก.3 (ต่อ)



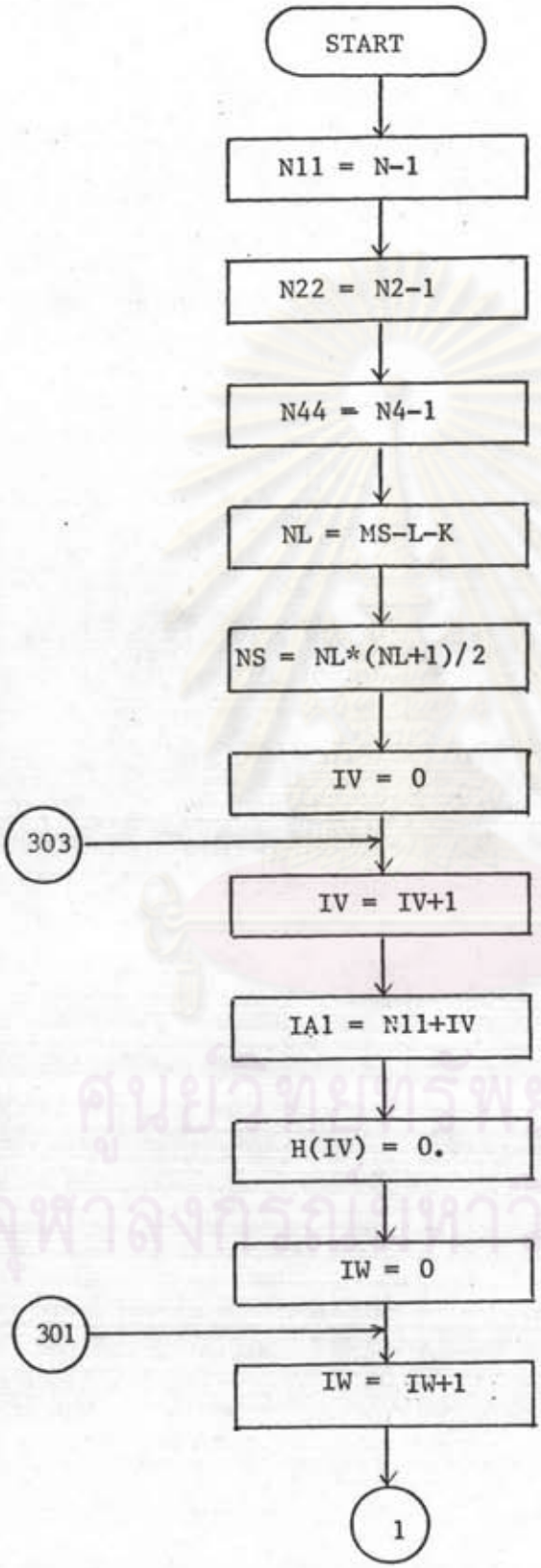
รูป ก.3 (ต่อ)


10
JA22 ≤ (MS-K)
YES
NO
(JA22-JA21) ≤ L
NO
YES
NX = -NS
IL = JA22-L
A12 = 0.
NX = -IL*(IL+1)/2
76
NX = NX+JA22*(JA22-1)/2+JA21
A12 = A(NK)
Z = Z+H(IZ)*A12
606
NO
IZ = M
YES
NX = IA21*(IA21-1)/2+JA22
11

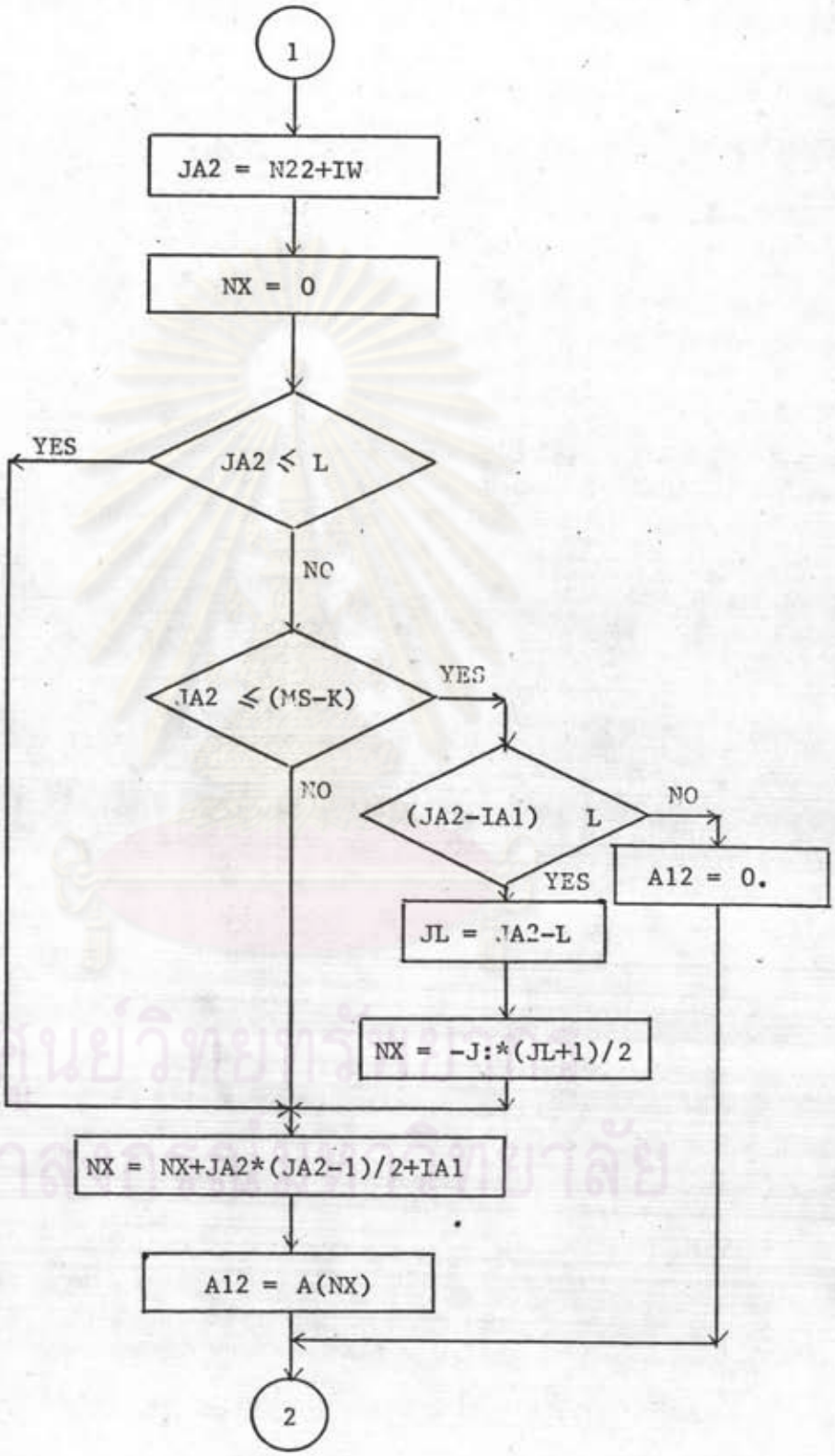
รูป ก.๓ (ต่อ)


11
IA21≤ L
YES
NO
IA21 ≤ (MS-K)
YES
NO
IL = IA21-L
NX = NX-NS
NX = NX-IL*(IL+1)/2
A(NX) = A(NX)-Z
IY = IV
607
NO
YES
IV = LX
608
NO
YES
RETURN

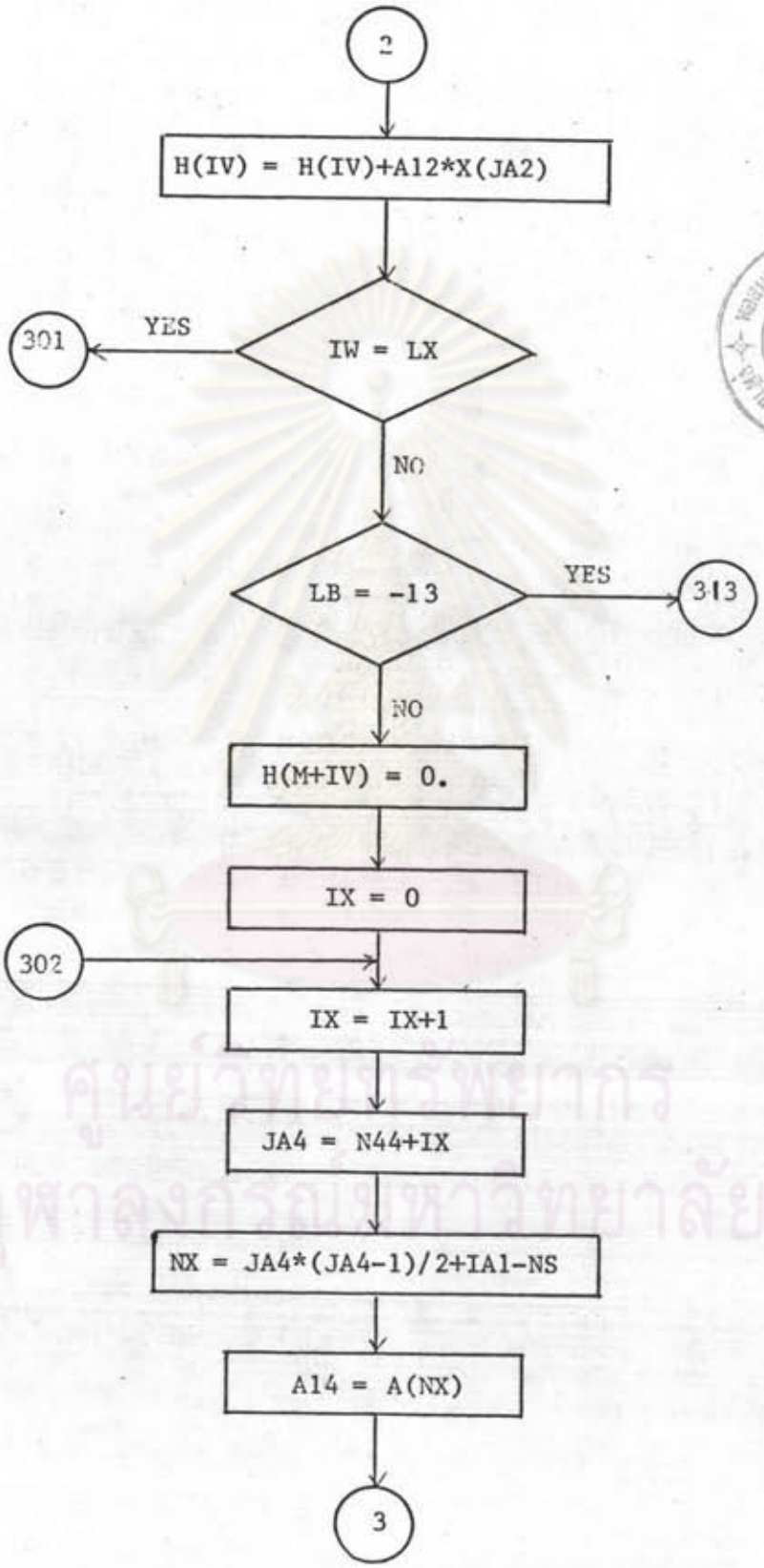
รูป ก.๑ (ต่อ)



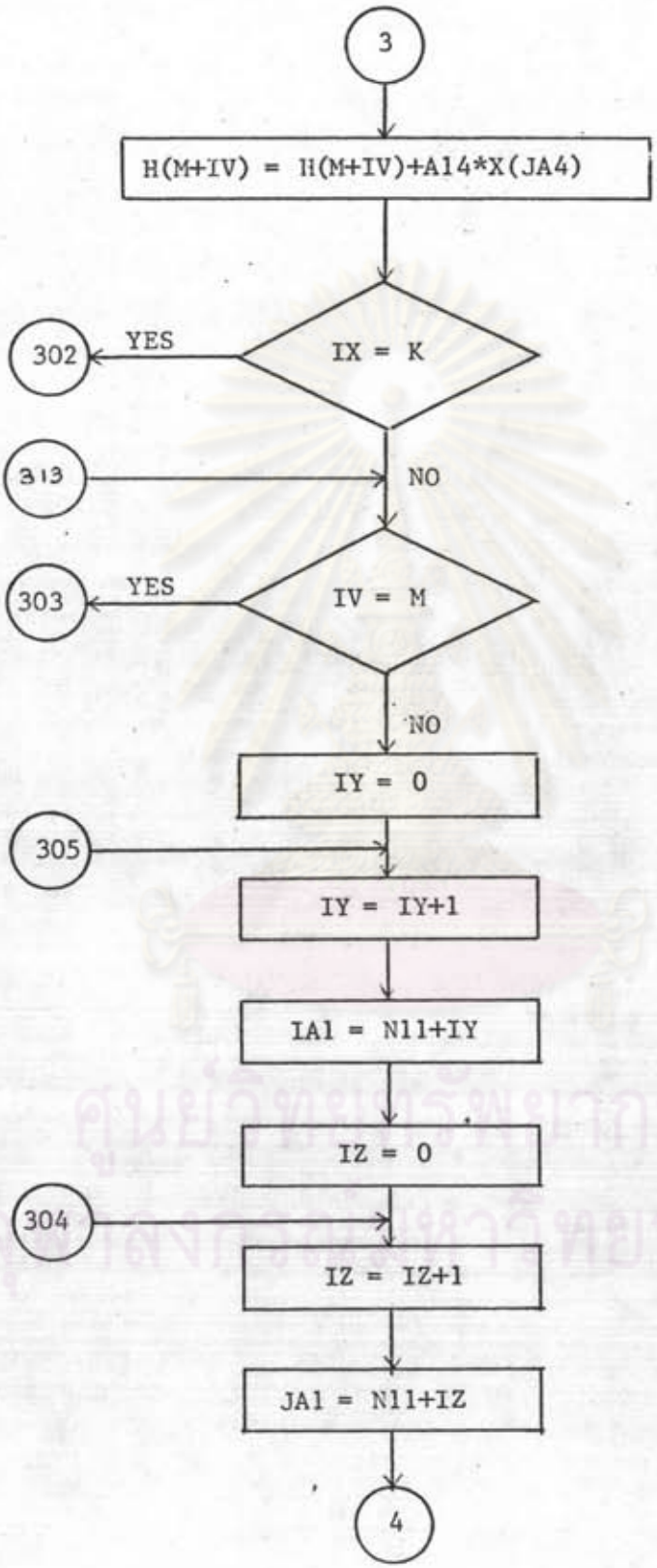
รูป ก.4 แผนผังขั้นตอนการทำงานของโปรแกรม BDSBB


1
JA2 = N22+IW
NX = 0
JA2 ≤ L
YES
NO
JA2 ≤ (MS-K)
YES
NO
(JA2-IA1) L
NO
YES
A12 = 0.
JL = JA2-L
NX = -J:*(JL+1)/2
NX = NX+JA2*(JA2-1)/2+IA1
A12 = A(NX)
2

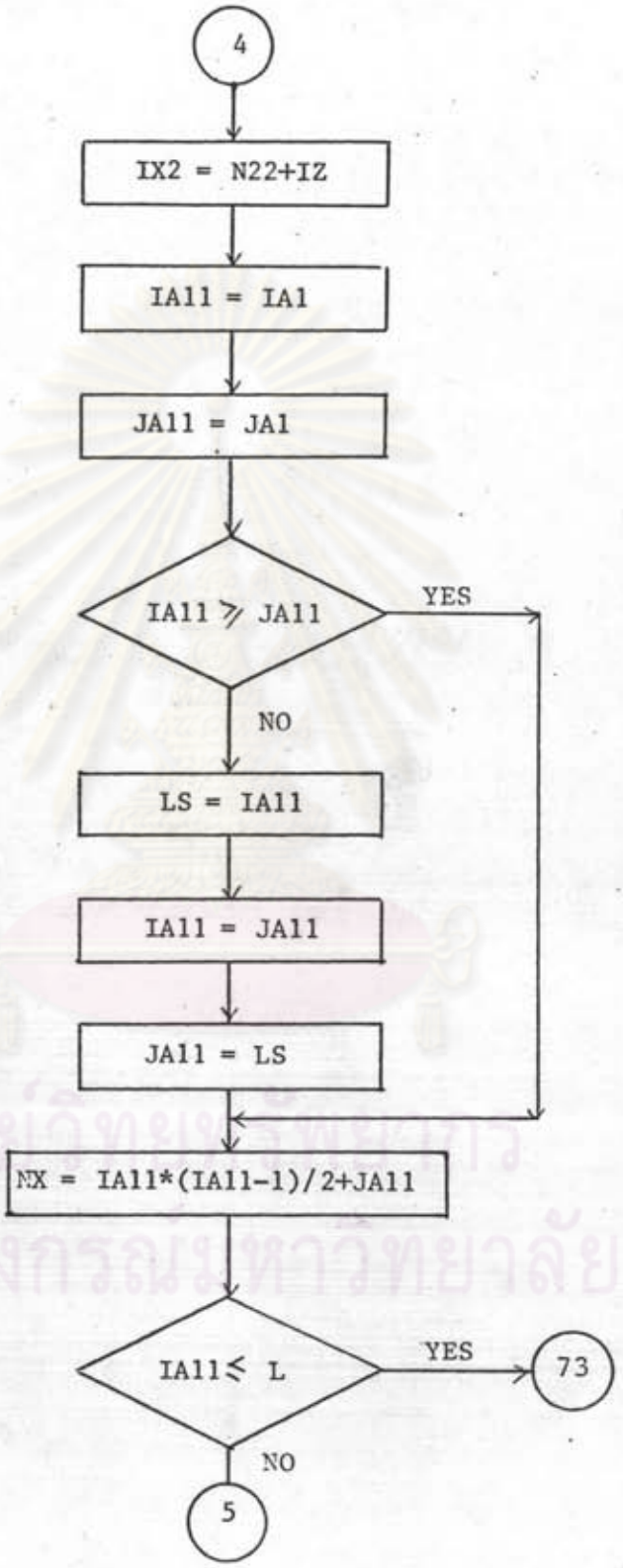
รูป ก.4 (ต่อ)


2
H(IV) = H(IV)+A12*X(JA2)
IW = LX
YES
301
NO
LB = -13
YES
313
NO
H(M+IV) = 0.
IX = 0
302
IX = IX+1
JA4 = N44+IX
NX = JA4*(JA4-1)/2+IA1-NS
A14 = A(NX)
3

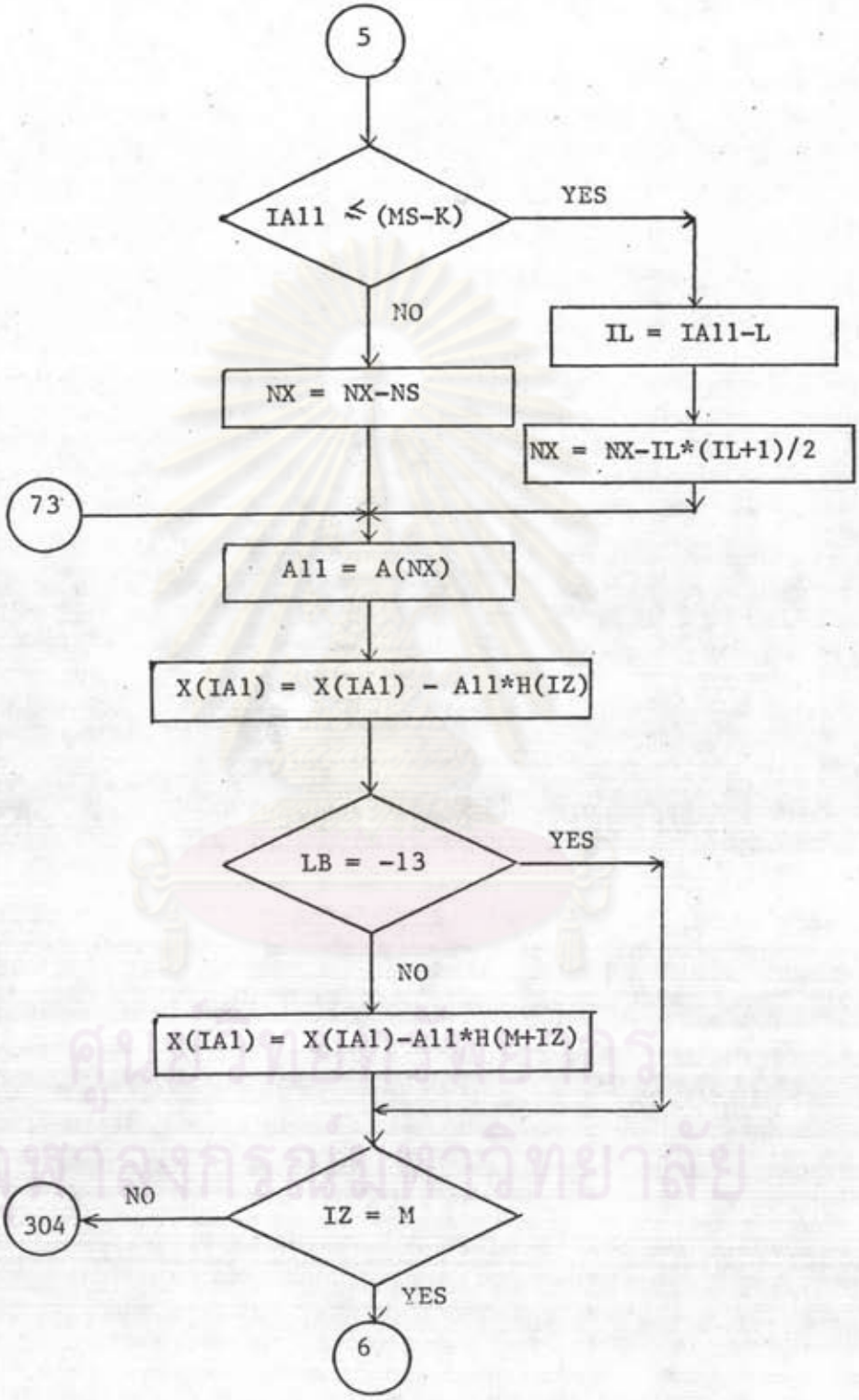
รูป ก.4 (ต่อ)


3
H(M+IV) = H(M+IV)+A14*X(JA4)
IX = K
YES
302
NO
313
IV = M
YES
303
NO
IY = 0
305
IY = IY+1
IA1 = N11+IY
IZ = 0
304
IZ = IZ+1
JA1 = N11+IZ
4

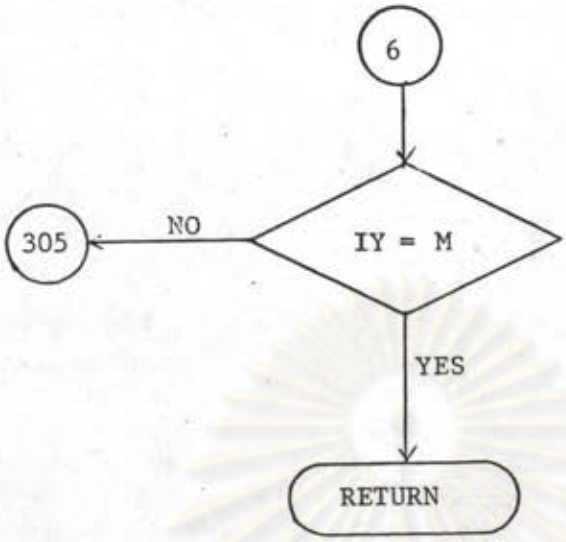
รูป ก.4 (ต่อ)


4
IX2 = N22+IZ
IA11 = IA1
JA11 = JA1
IA11 ≥ JA11
YES
NO
LS = IA11
IA11 = JA11
JA11 = LS
NX = IA11*(IA11-1)/2+JA11
IA11 ≤ L
YES
73
NO
5

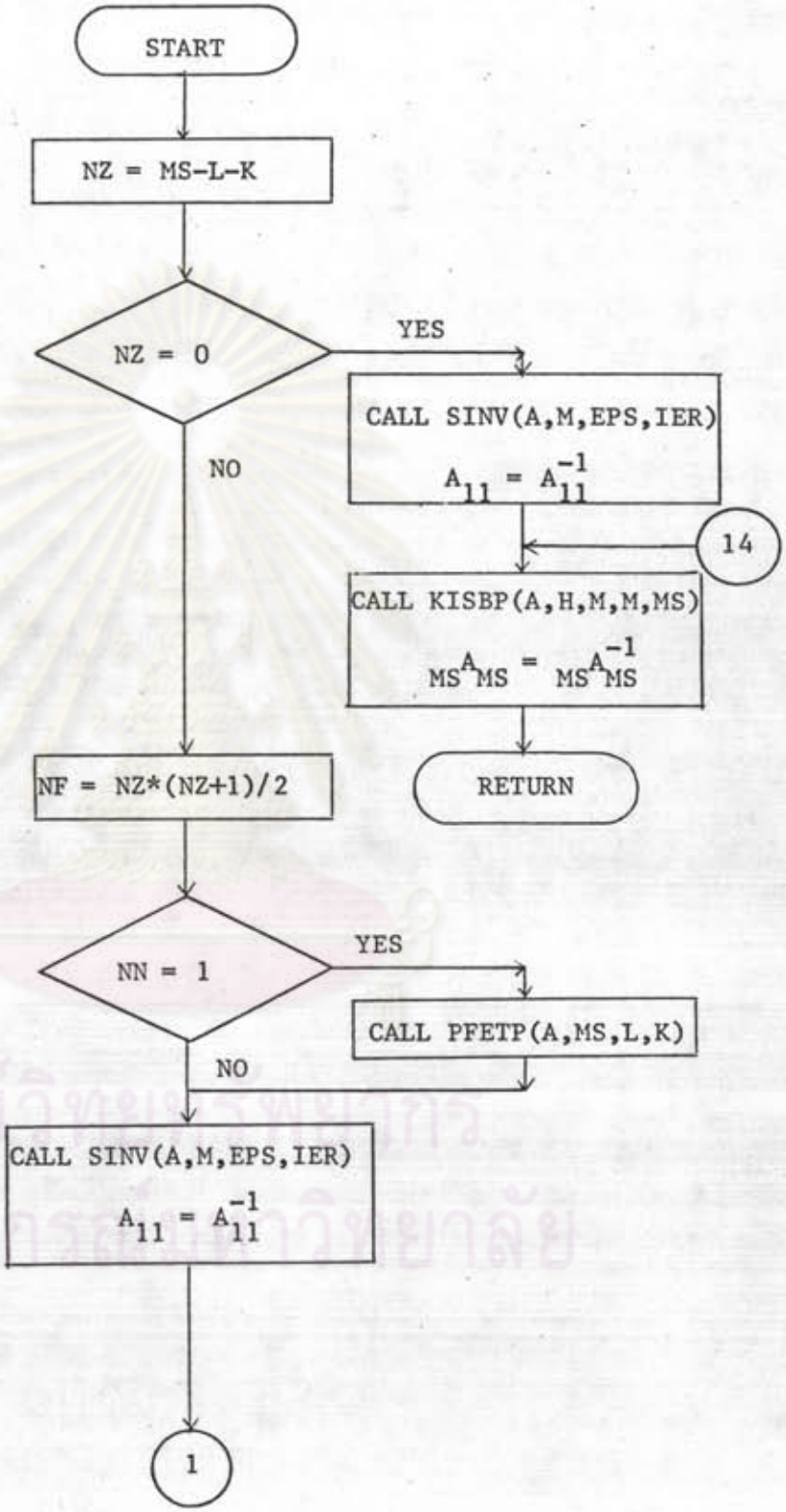
รูป ก.4 (ต่อ)


5
IA11 ≤ (MS-K)
YES
NO
IL = IA11-L
NX = NX-NS
NX = NX-IL*(IL+1)/2
73
A11 = A(NX)
X(IA1) = X(IA1) - A11*H(IZ)
LB = -13
YES
NO
X(IA1) = X(IA1)-A11*H(M+IZ)
304
NO
IZ = M
YES
6

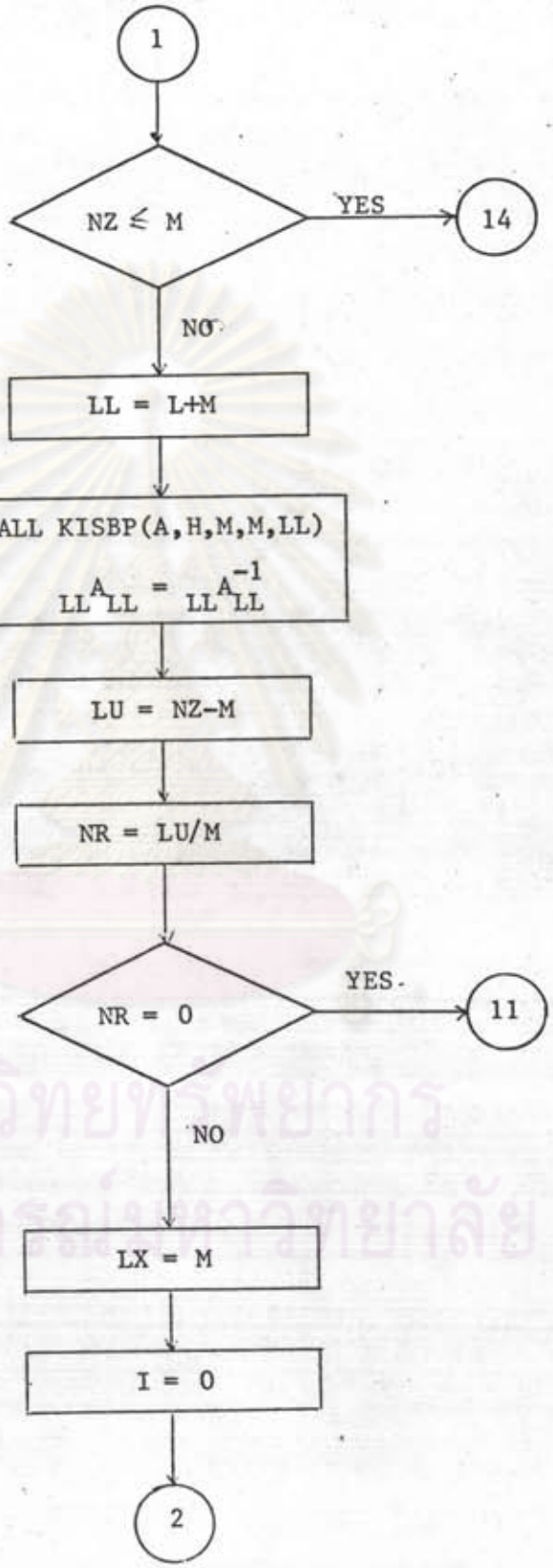
รูป ก.4 (ต่อ)



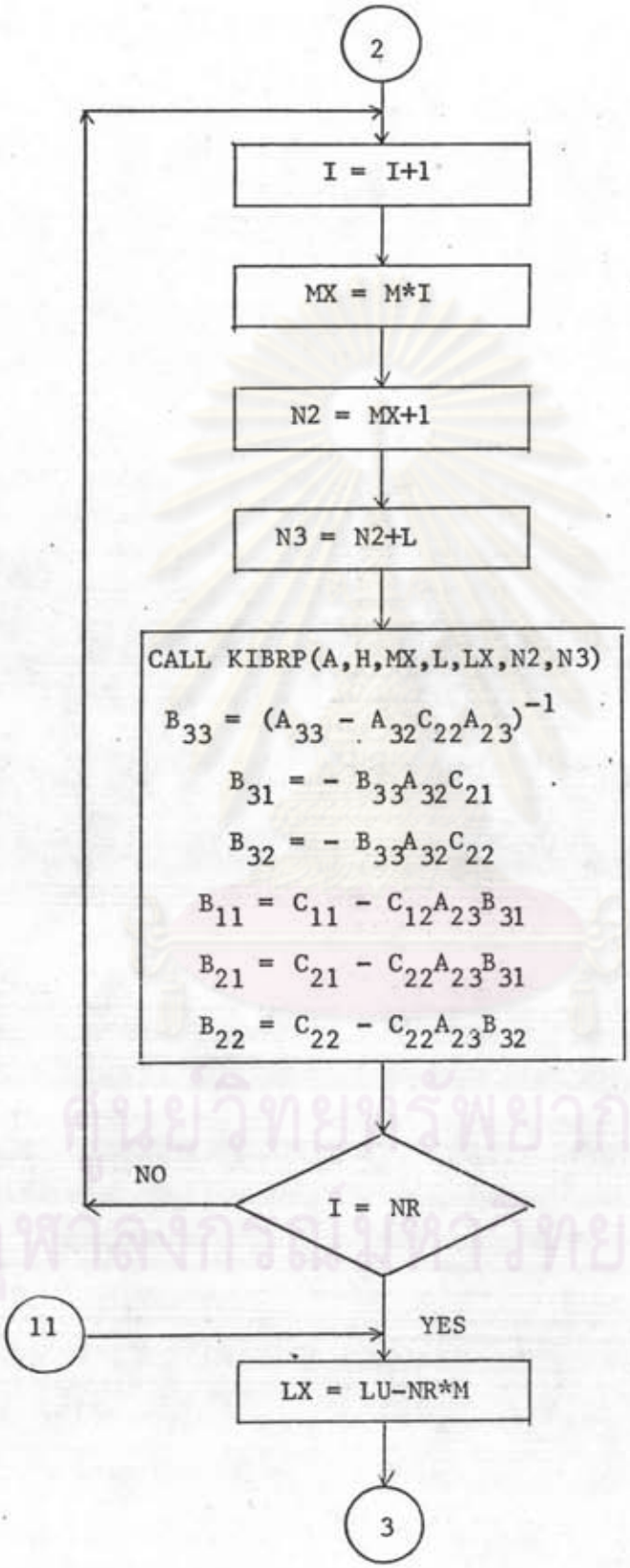
รูป ก.๔ (ต่อ)



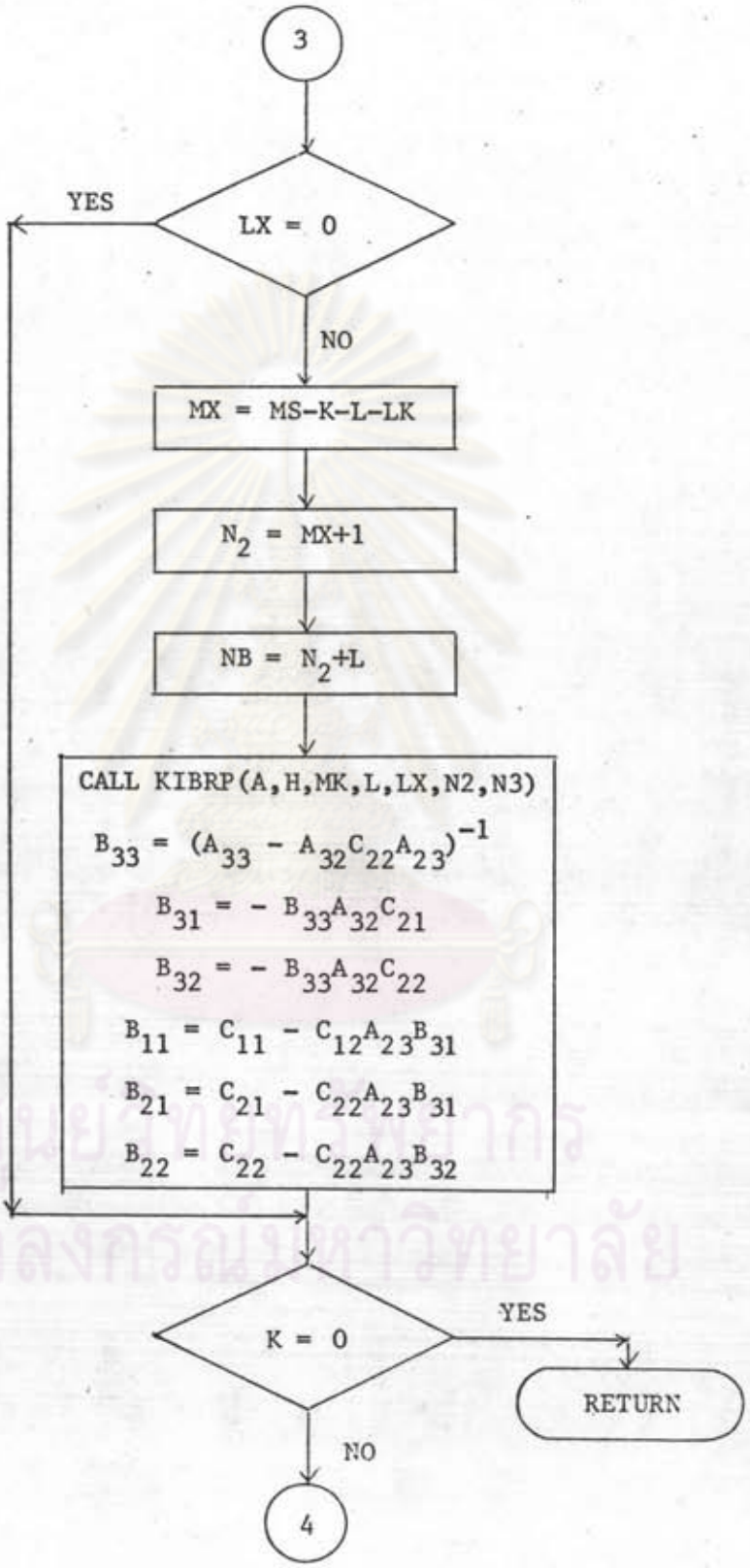
รูป ก.5 แผนผังขั้นตอนการทำงานของโปรแกรม KRINV



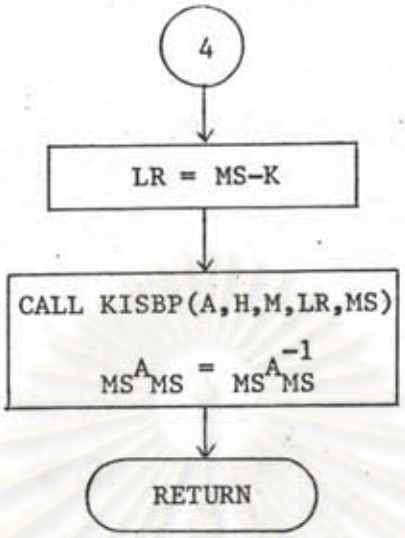
รูป ก.5 (ต่อ)


2
I = I+1
MX = M*I
N2 = MX+1
N3 = N2+L
CALL KIBRP(A,H,MX,L,LX,N2,N3)
$B_{33} = (A_{33} - A_{32}C_{22}A_{23})^{-1}$
$B_{31} = - B_{33}A_{32}C_{21}$
$B_{32} = - B_{33}A_{32}C_{22}$
$B_{11} = C_{11} - C_{12}A_{23}B_{31}$
$B_{21} = C_{21} - C_{22}A_{23}B_{31}$
$B_{22} = C_{22} - C_{22}A_{23}B_{32}$
NO
I = NR
11
YES
LX = LU-NR*M
3

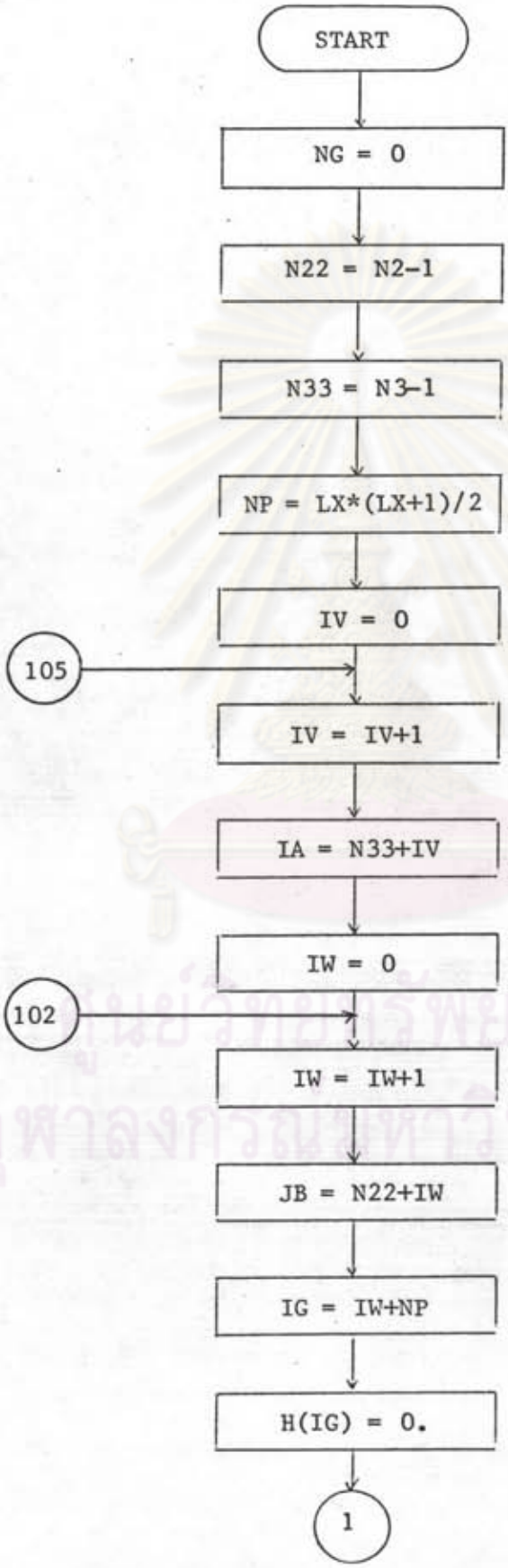
รูป ก.5 (ต่อ)


3
LX = 0
YES
NO
MX = MS-K-L-LK
N_2 = MX+1
NB = N_2+L
CALL KIBRP(A,H,MK,L,LX,N2,N3)
$B_{33} = (A_{33} - A_{32}C_{22}A_{23})^{-1}$
$B_{31} = - B_{33}A_{32}C_{21}$
$B_{32} = - B_{33}A_{32}C_{22}$
$B_{11} = C_{11} - C_{12}A_{23}B_{31}$
$B_{21} = C_{21} - C_{22}A_{23}B_{31}$
$B_{22} = C_{22} - C_{22}A_{23}B_{32}$
K = 0
YES
RETURN
NO
4

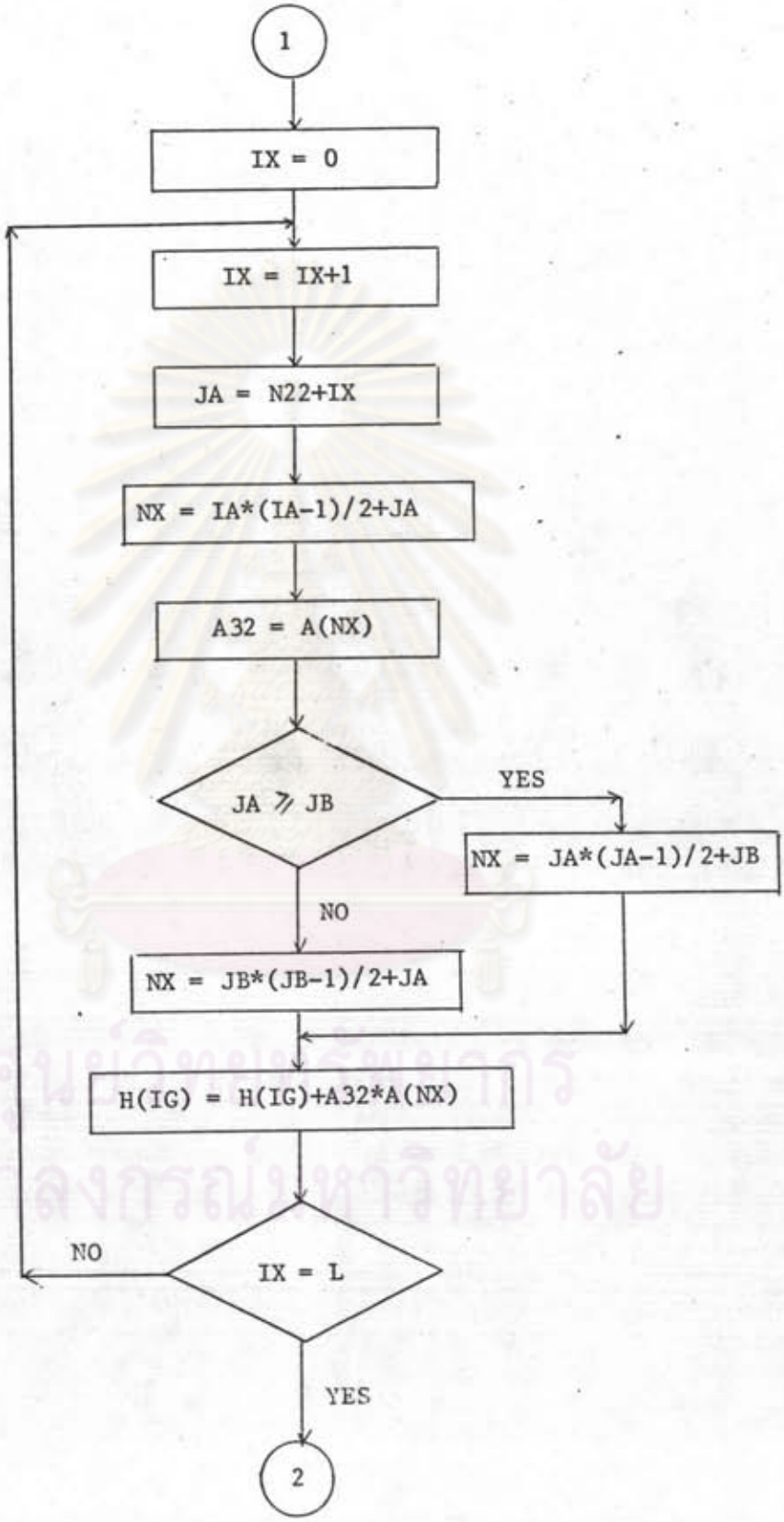
รูป ก.5 (ต่อ)



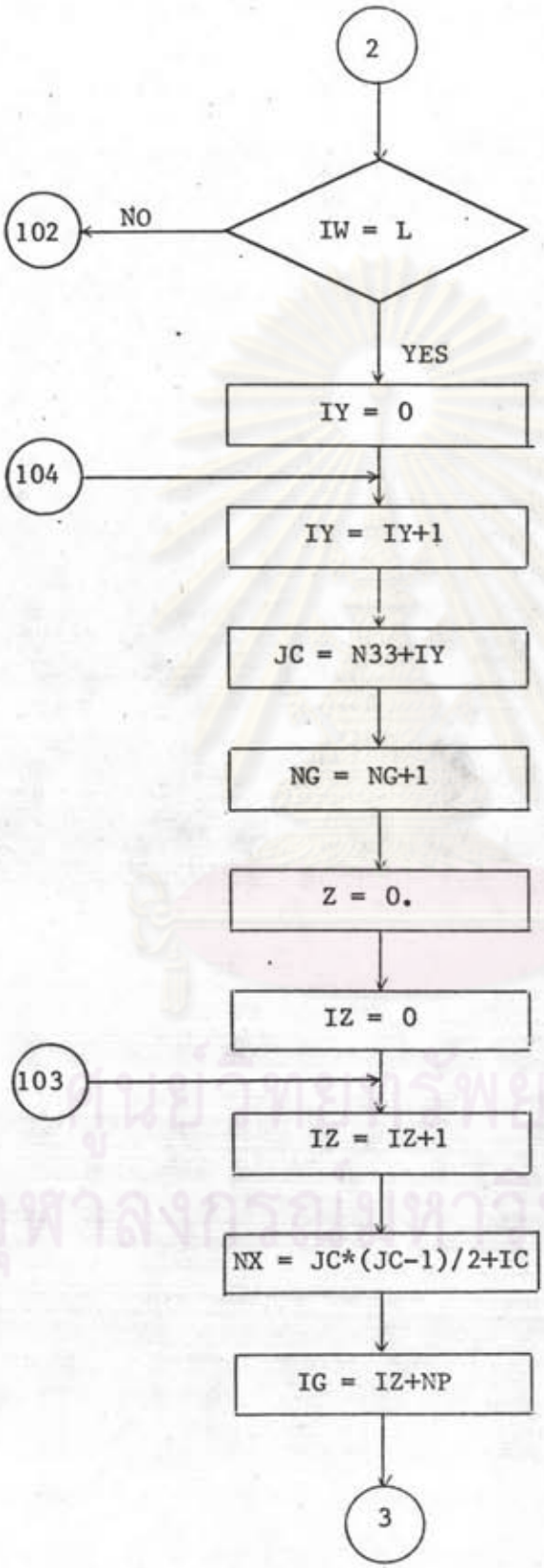
รูป ก.5 (ต่อ)



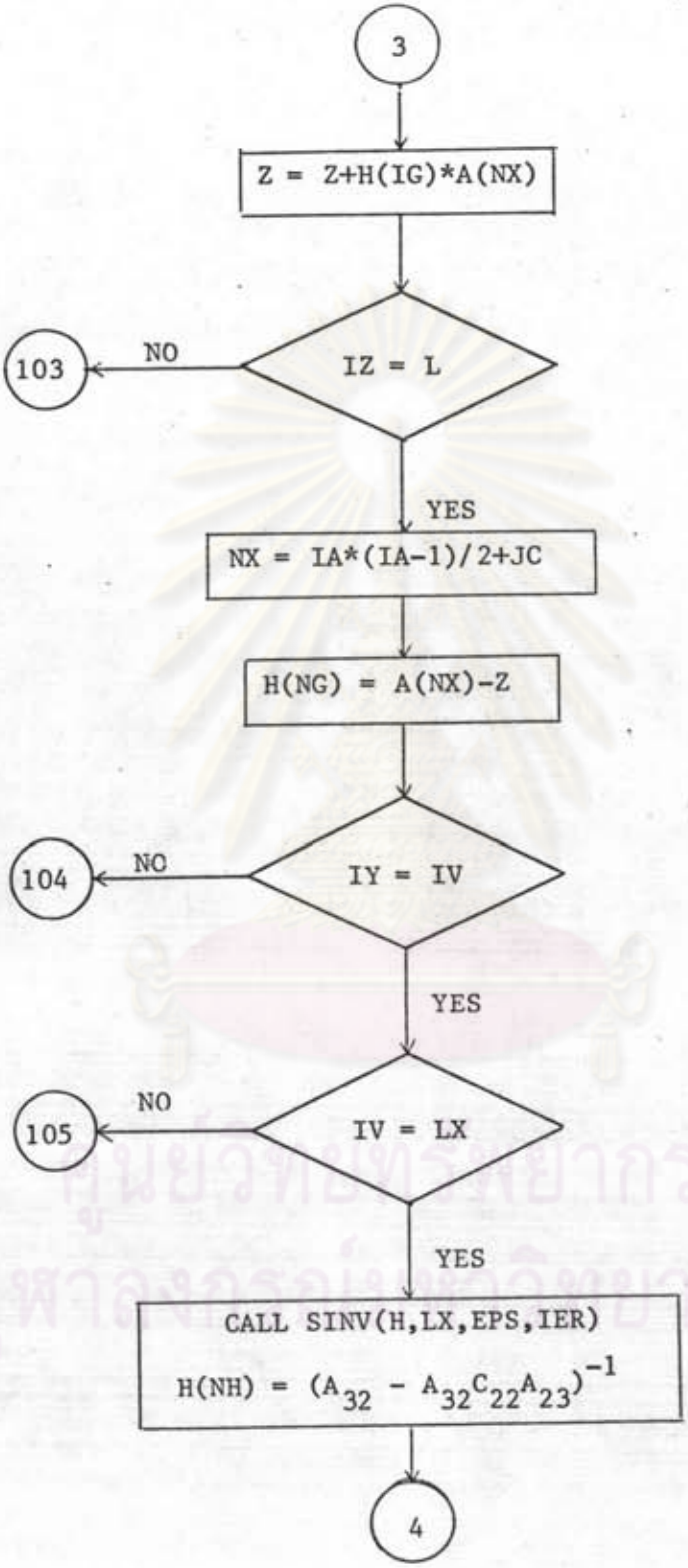
รูป ก.6 แผนผังขั้นตอนการทำงานของโปรแกรม KIBRP



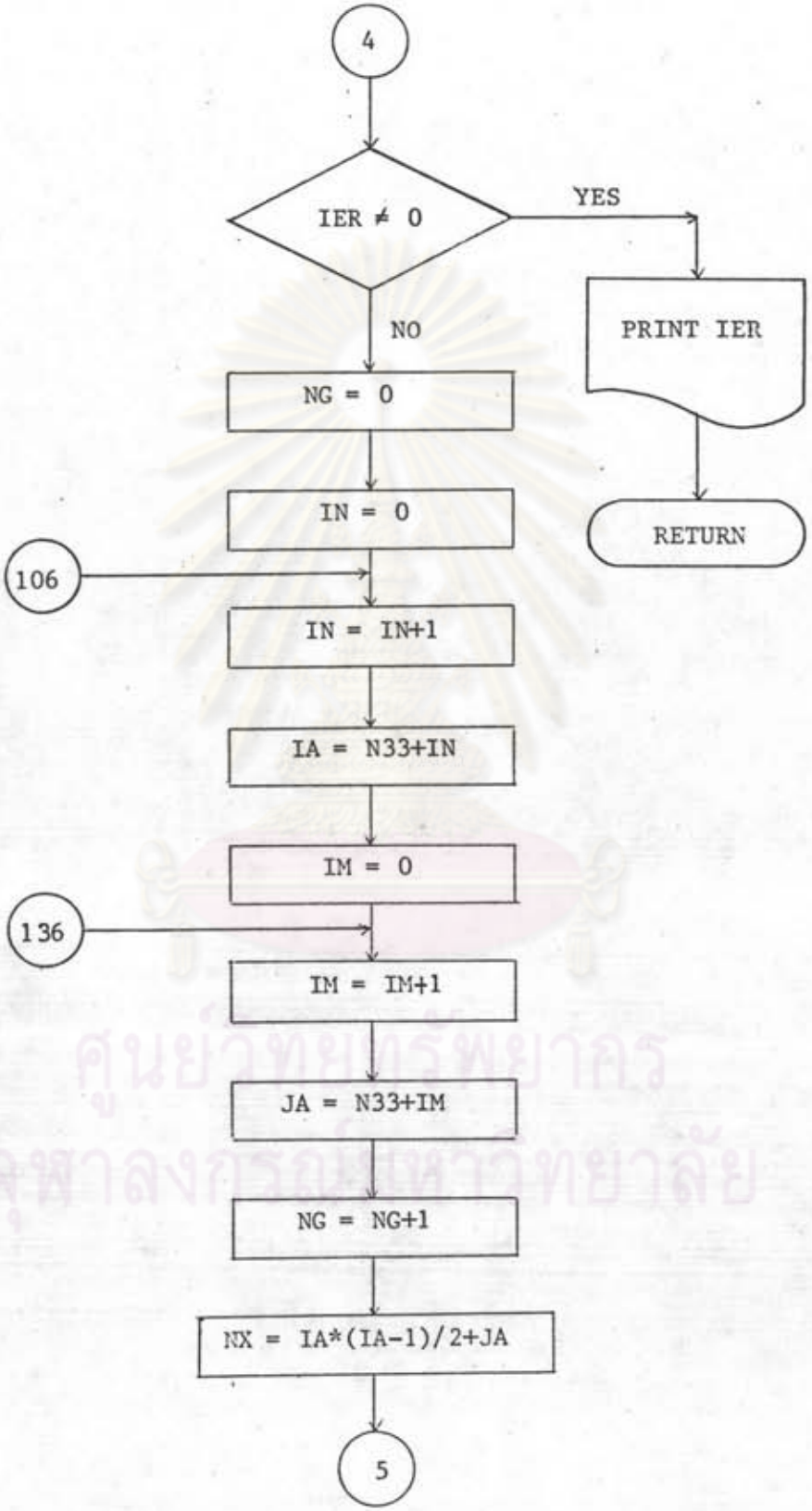
รูป ก.6 (ต่อ)


2
IW = L
NO
102
YES
IY = 0
104
IY = IY+1
JC = N33+IY
NG = NG+1
Z = 0.
IZ = 0
103
IZ = IZ+1
NX = JC*(JC-1)/2+IC
IG = IZ+NP
3

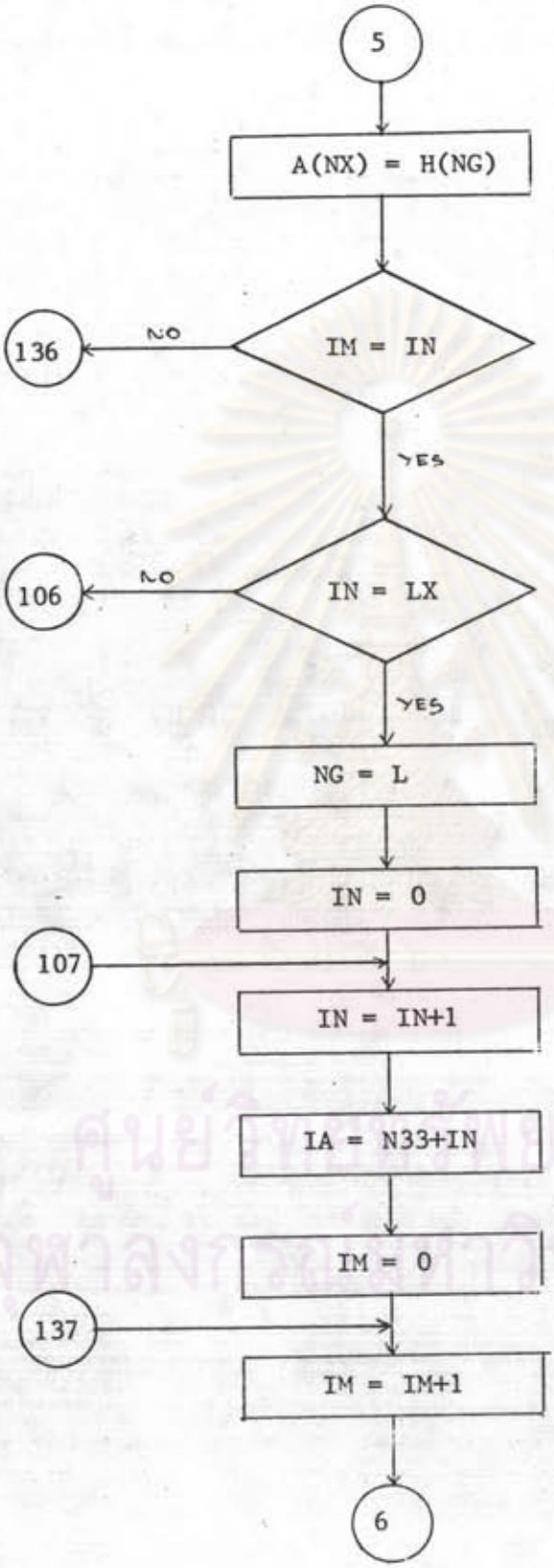
รูป ก.๑ (ต่อ)


3
Z = Z+H(IG)*A(NX)
IZ = L
NO
103
YES
NX = IA*(IA-1)/2+JC
H(NG) = A(NX)-Z
IY = IV
NO
104
YES
IV = LX
NO
105
YES
CALL SINV(H,LX,EPS,IER)
H(NH) = (A32 - A32C22A23)-1
4

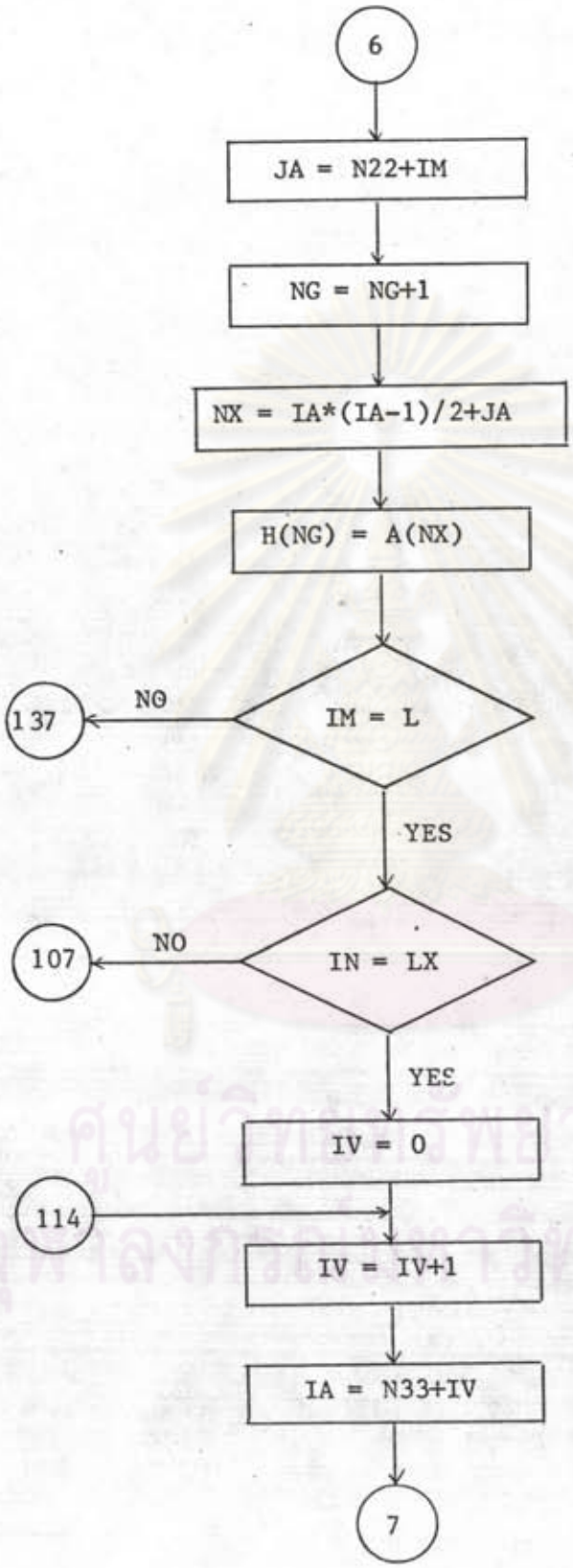
รูป ก.๖ (ต่อ)



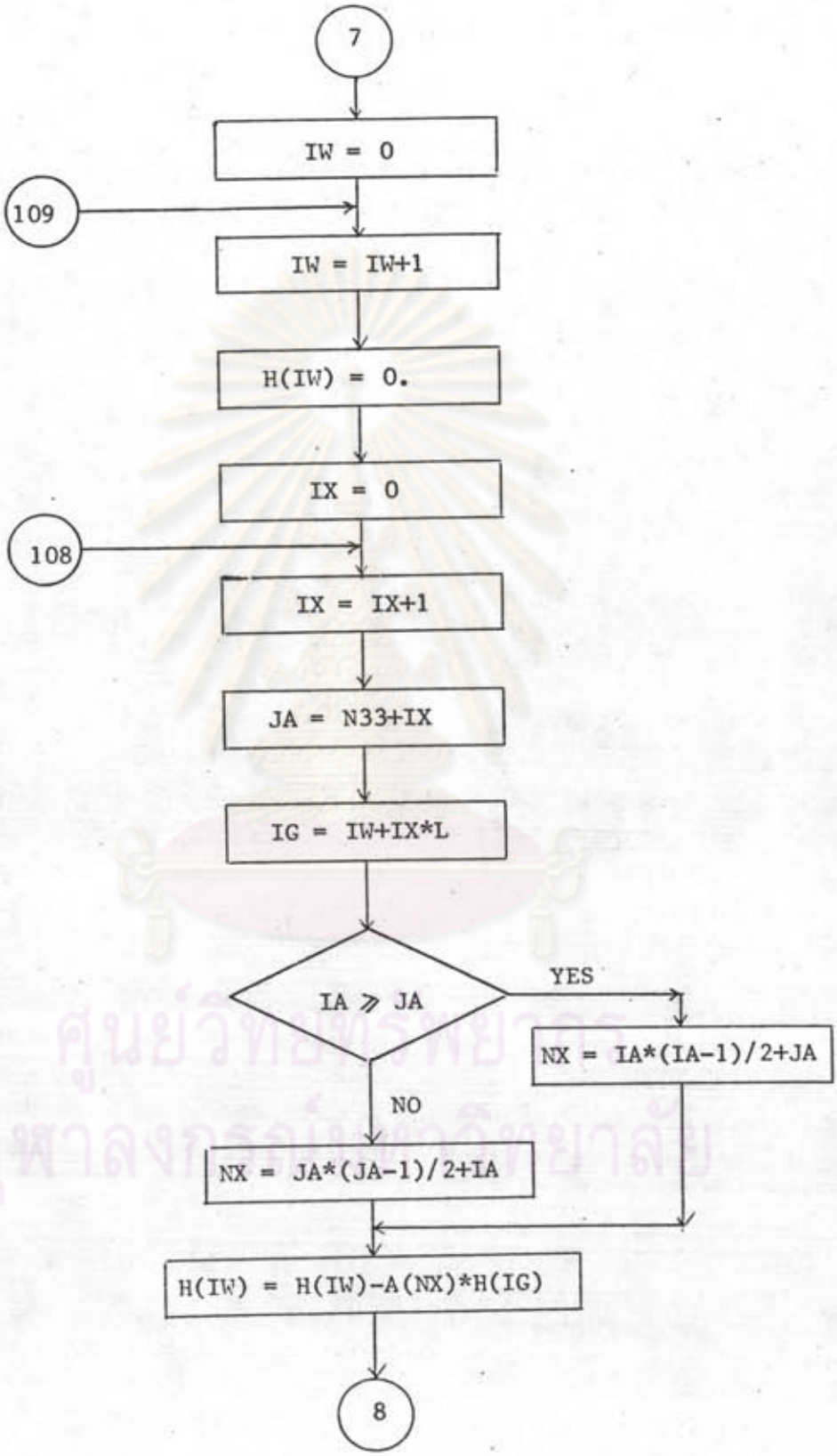
รูป ก.๔ (ต่อ)



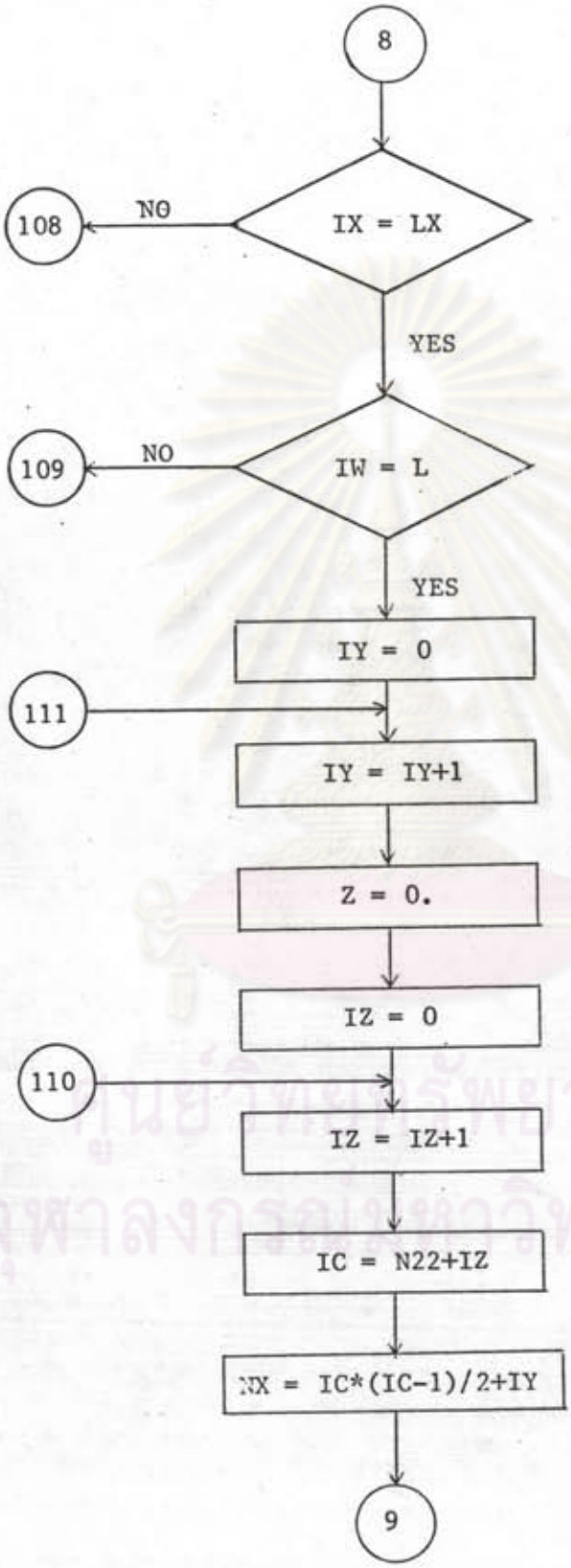
รูป ก.6 (ต่อ)


6
JA = N22+IM
NG = NG+1
NX = IA*(IA-1)/2+JA
H(NG) = A(NX)
IM = L
NO
137
YES
IN = LX
NO
107
YES
IV = 0
114
IV = IV+1
IA = N33+IV
7

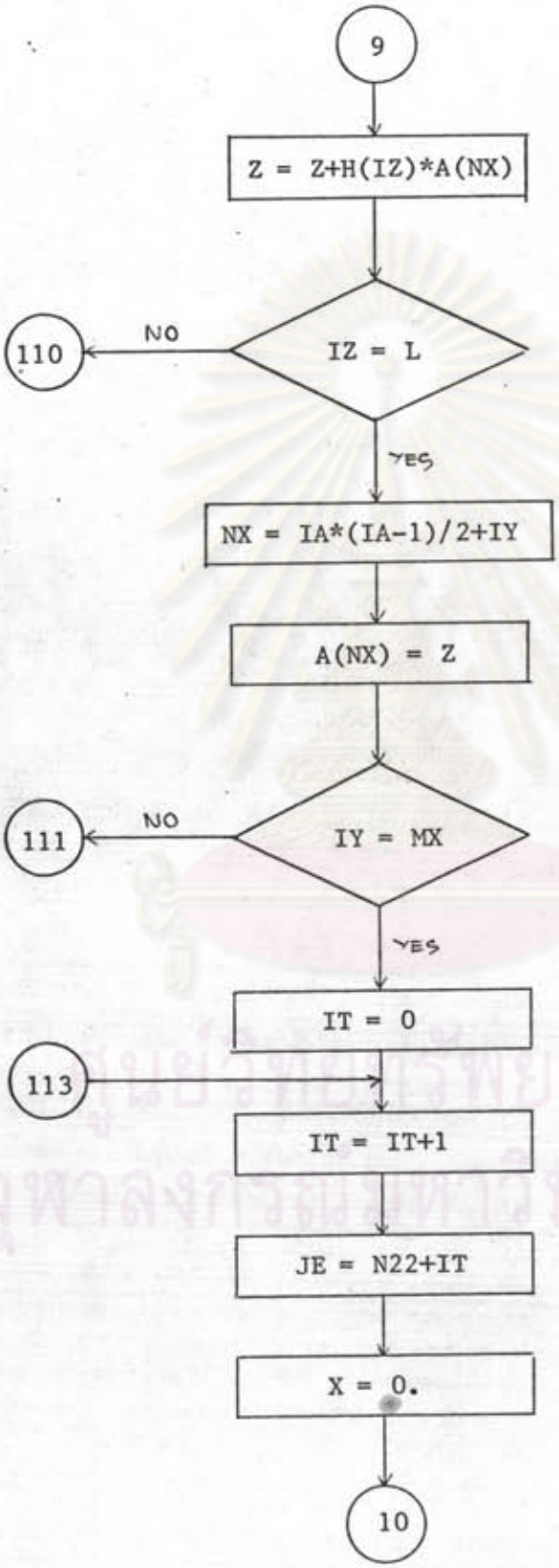
รูป ก.6 (ต่อ)



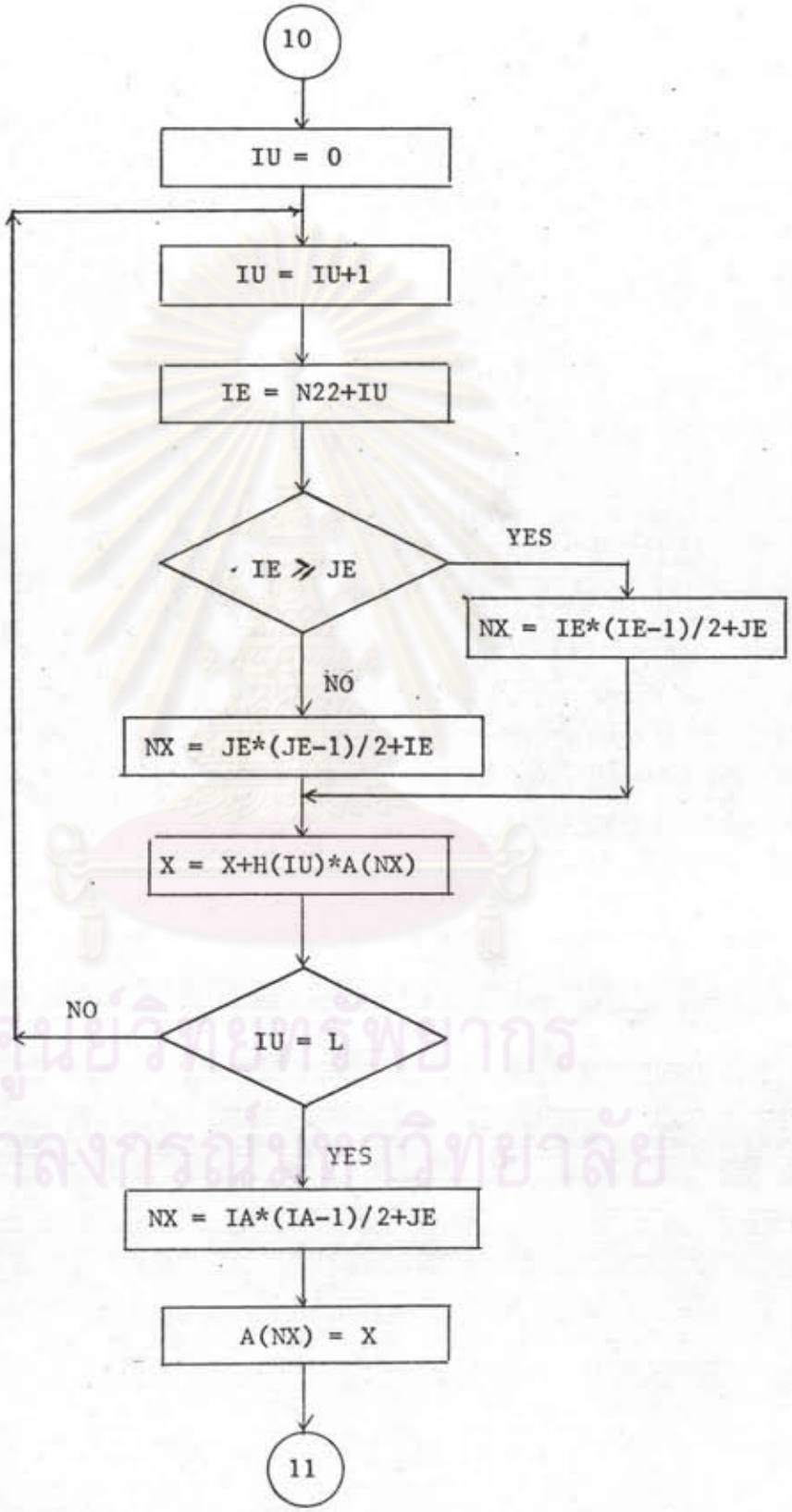
รูป ก.๔ (ต่อ)



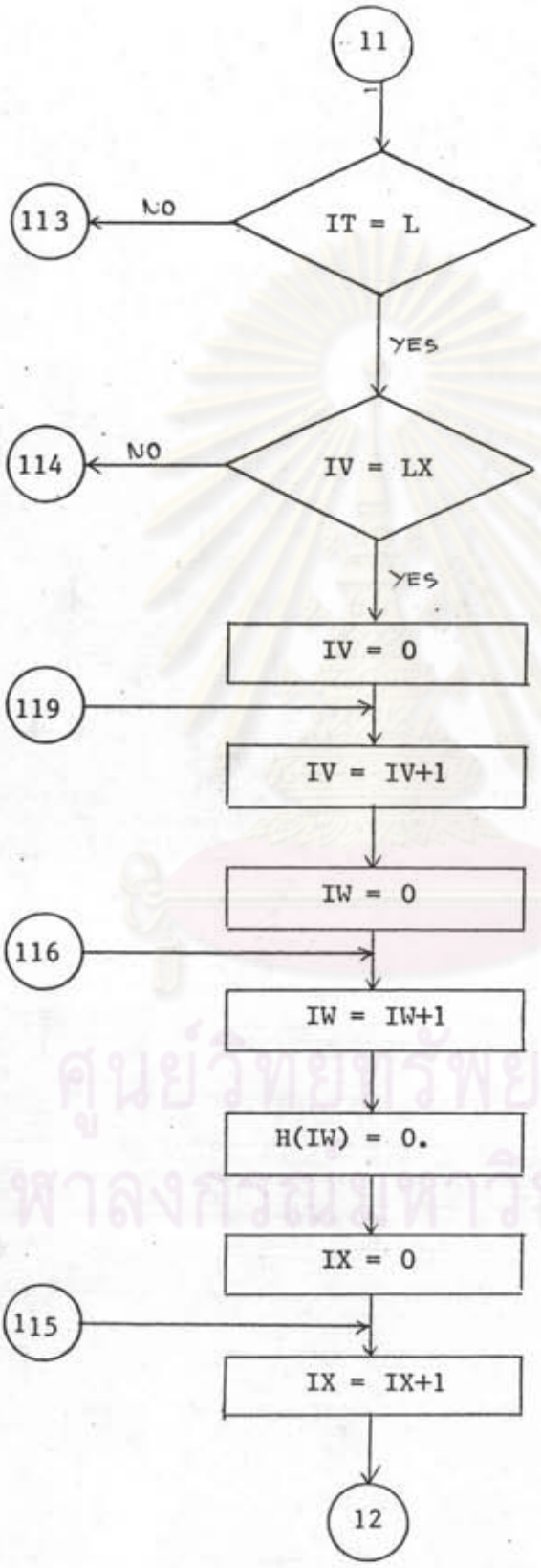
รูป ก.๑ (ต่อ)


9
Z = Z+H(IZ)*A(NX)
IZ = L
NO
110
YES
NX = IA*(IA-1)/2+IY
A(NX) = Z
IY = MX
NO
111
YES
IT = 0
113
IT = IT+1
JE = N22+IT
X = 0.
10

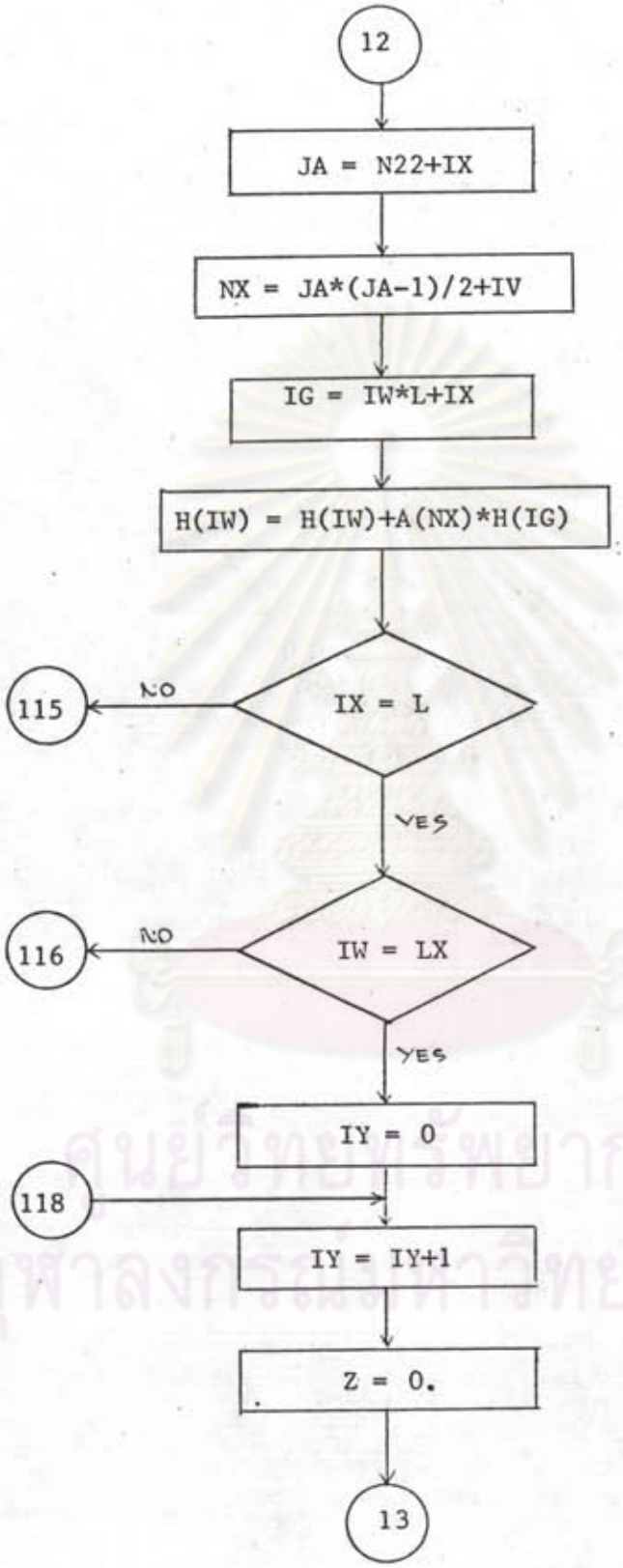
รูป ก.6 (ต่อ)



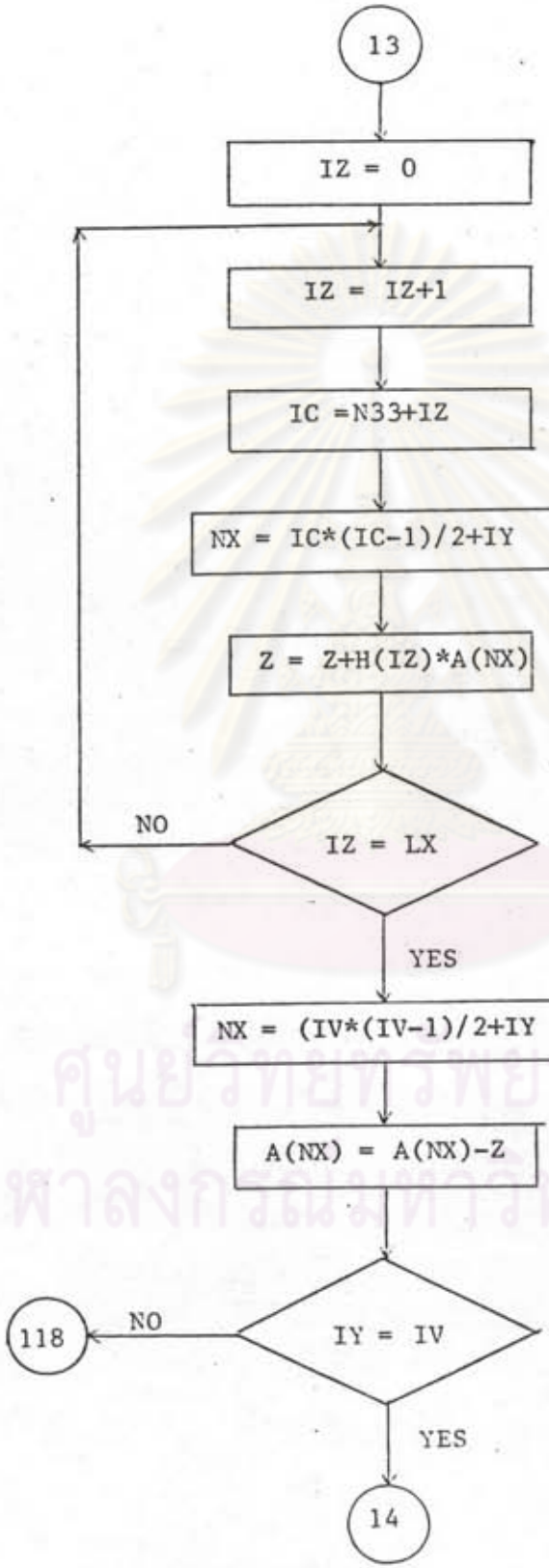
รูป ก.6 (ต่อ)

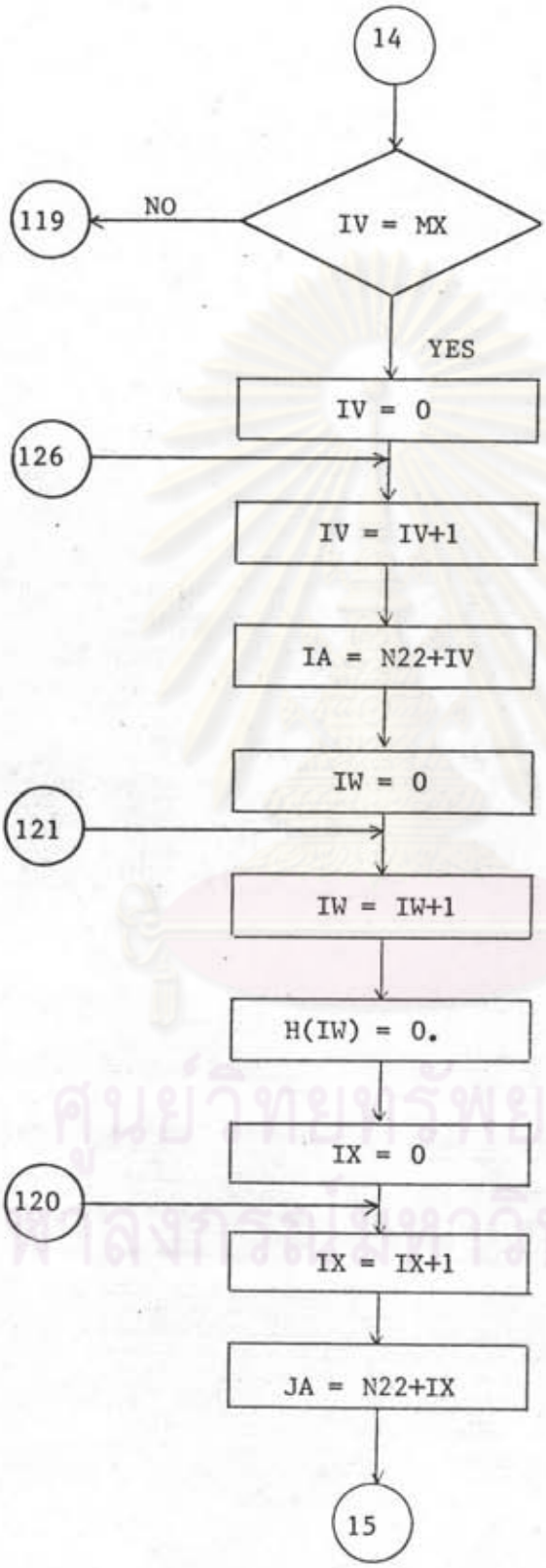


รูป ก.6 (ต่อ)

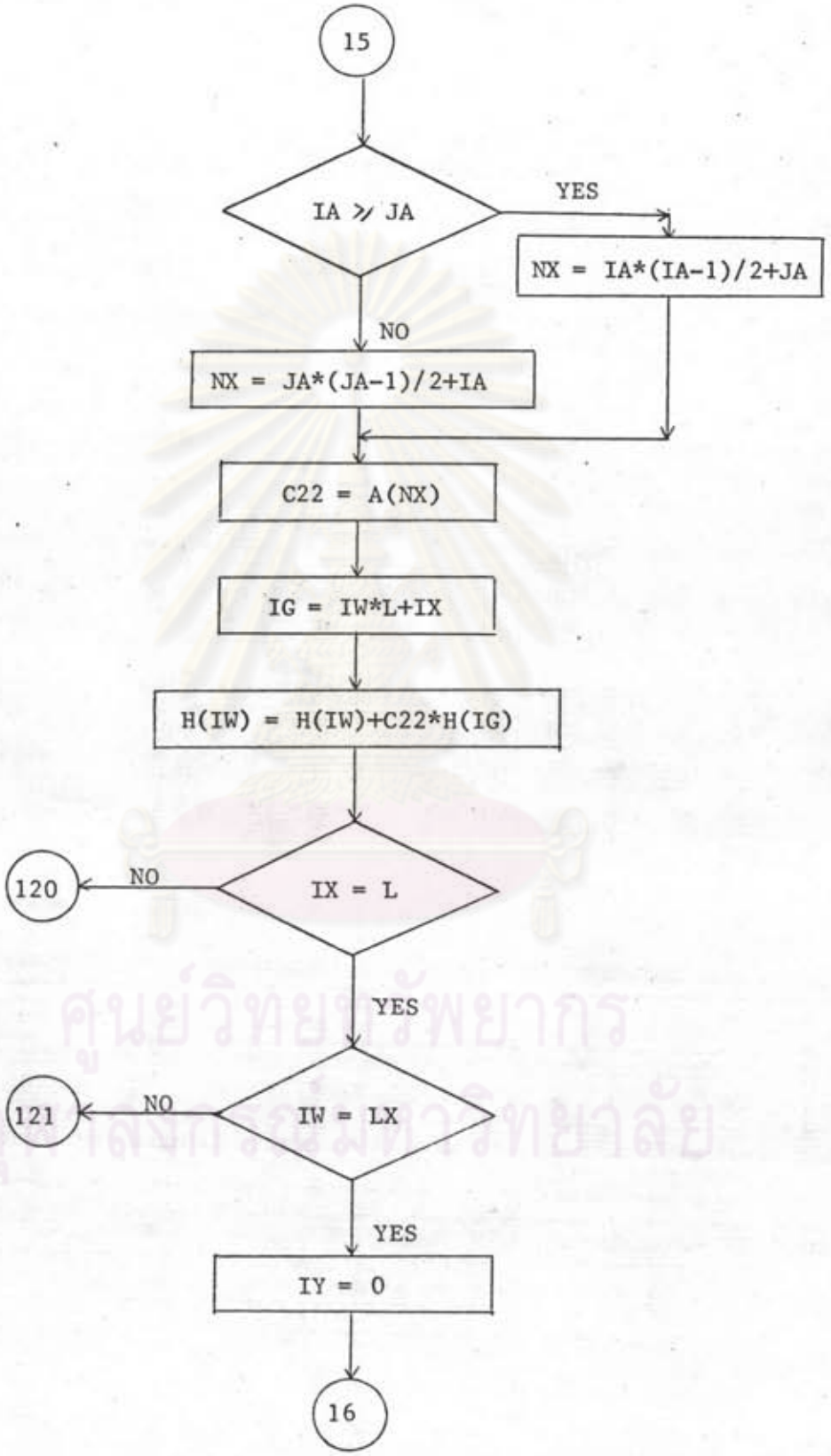


รูป ก.6 (ต่อ)

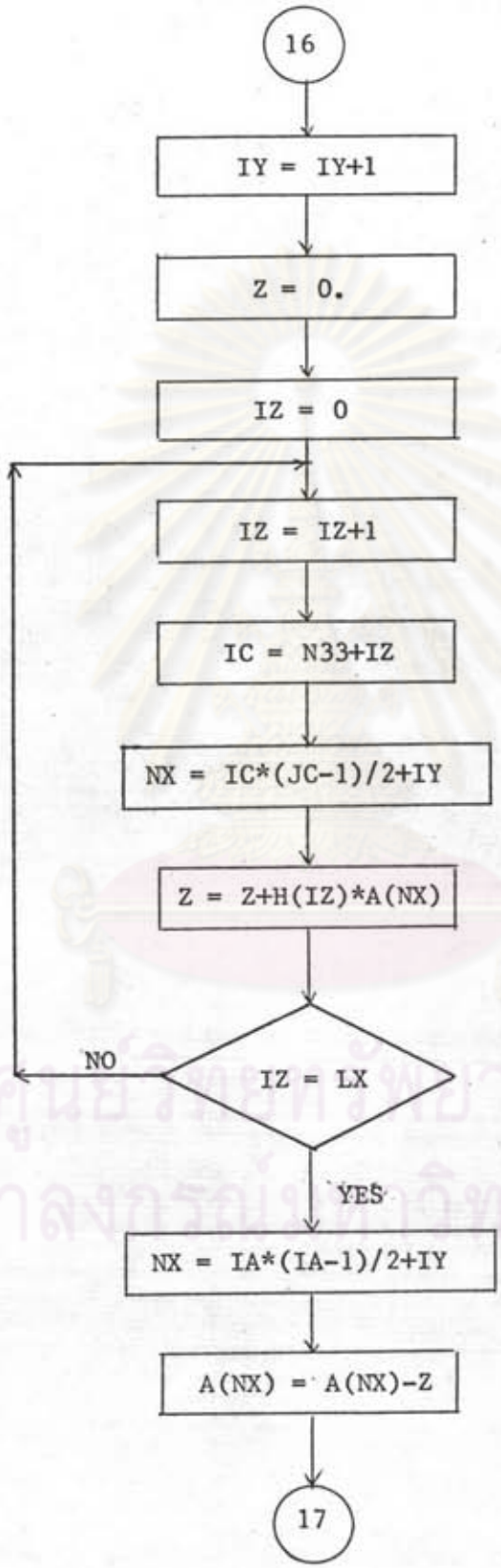




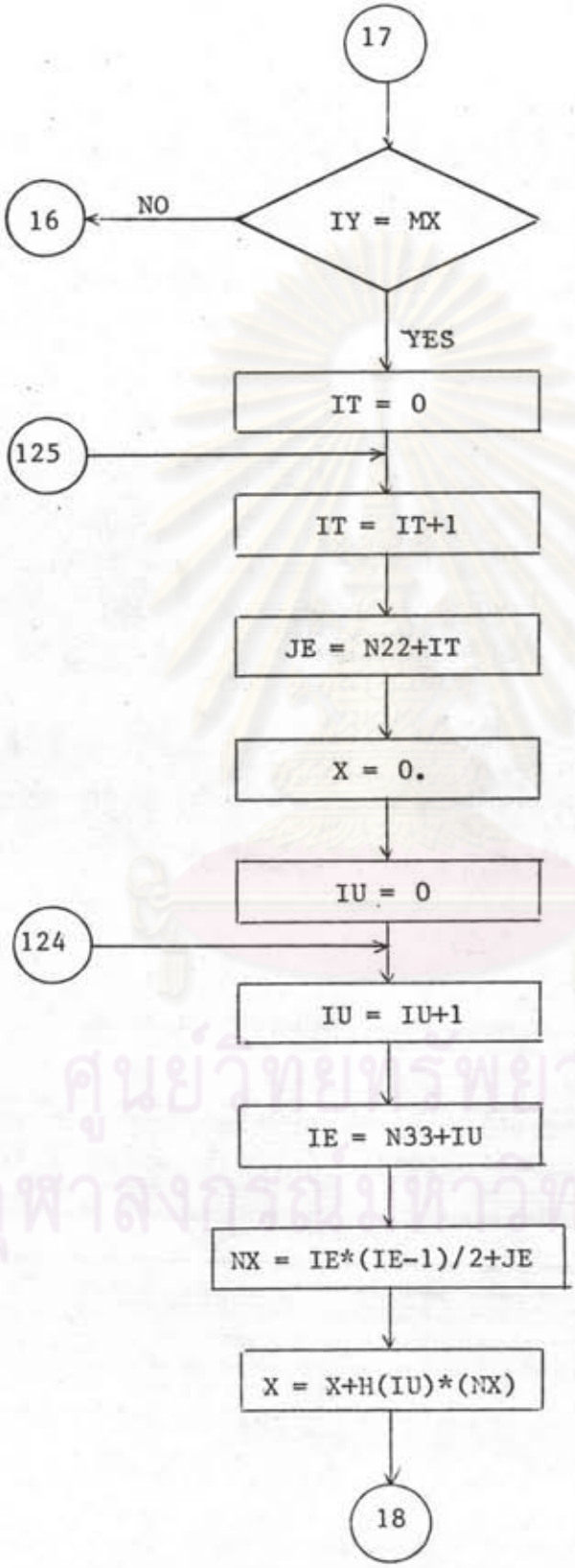
รูป ก.6 (ต่อ)


15
IA >/ JA
YES
NX = IA*(IA-1)/2+JA
NO
NX = JA*(JA-1)/2+IA
C22 = A(NX)
IG = IW*L+IX
H(IW) = H(IW)+C22*H(IG)
120
NO
IX = L
YES
121
NO
IW = LX
YES
IY = 0
16

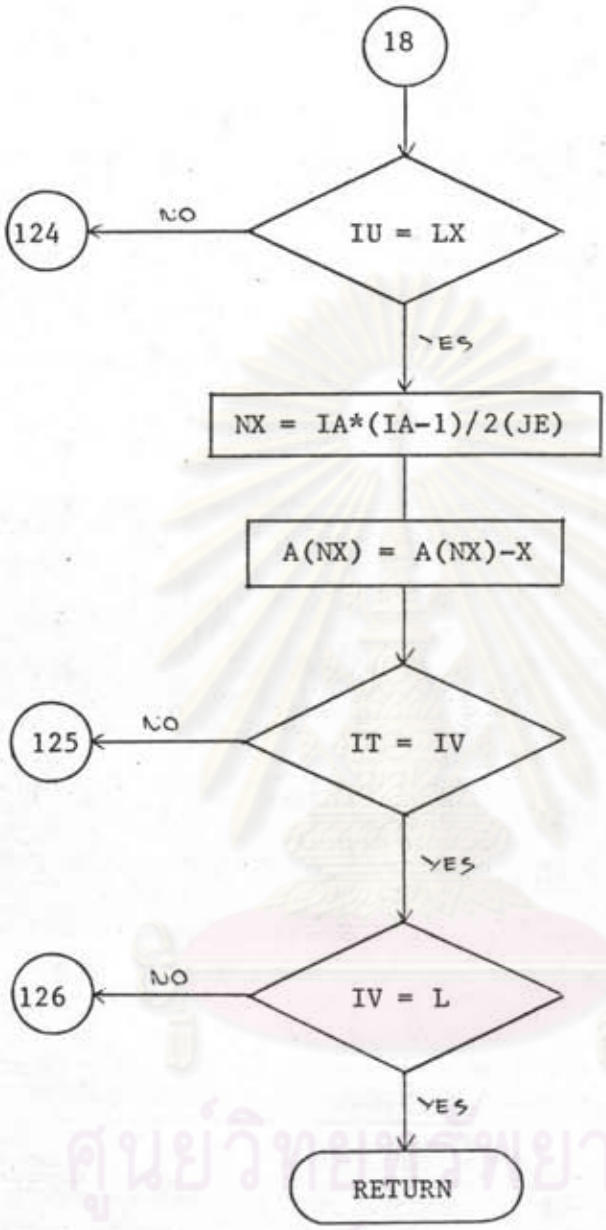
รูป ก.๑ (ต่อ)



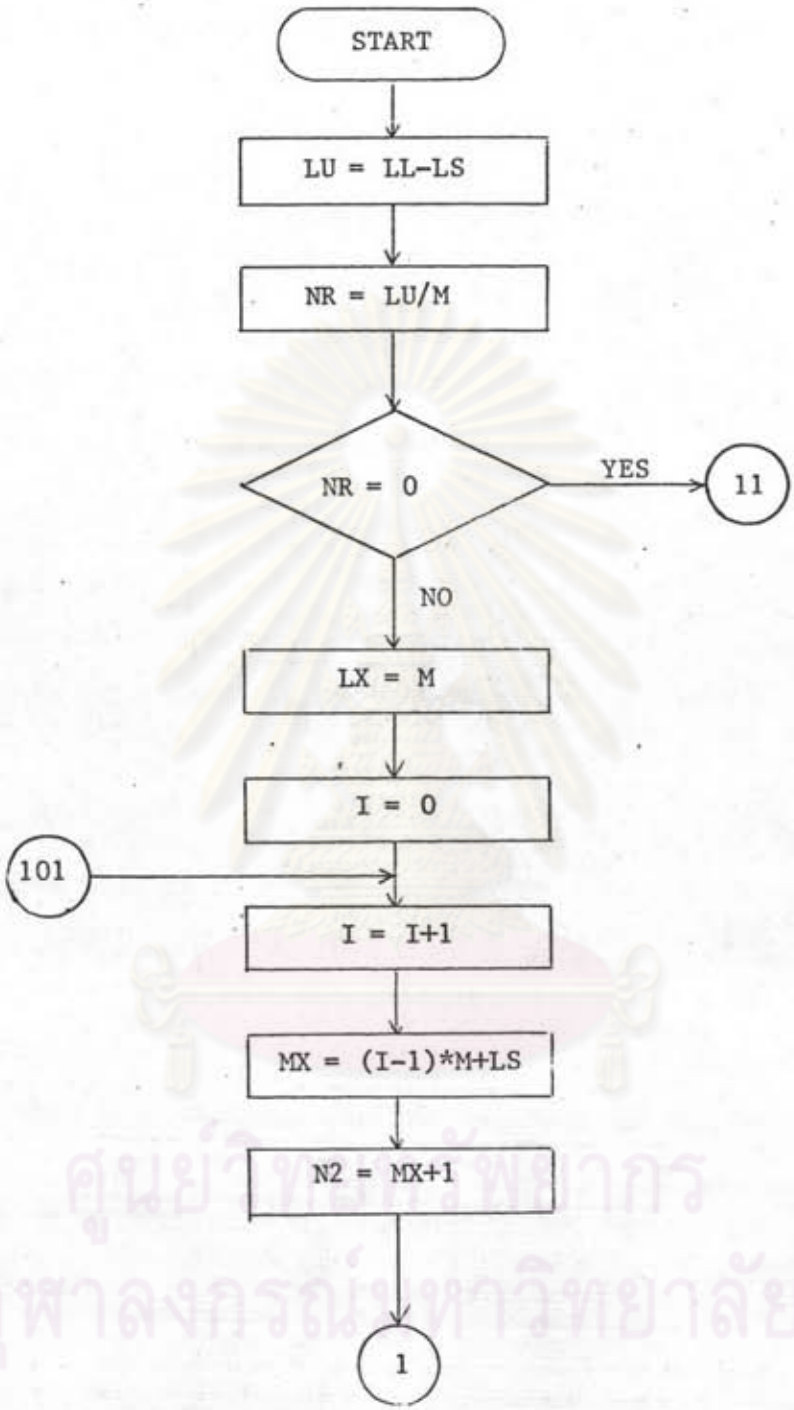
รูป ก.6 (ต่อ)



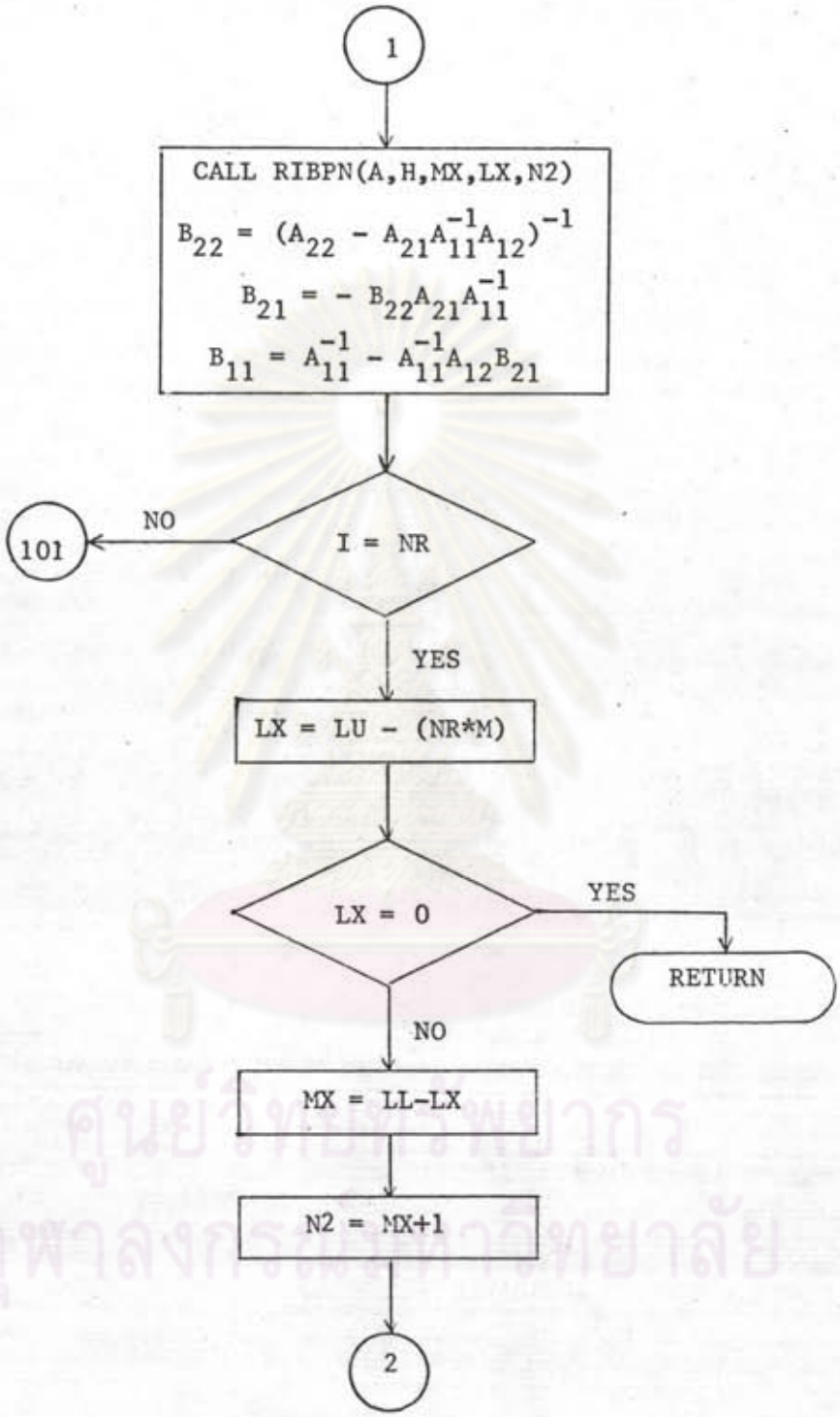
รูป ก.6 (ต่อ)



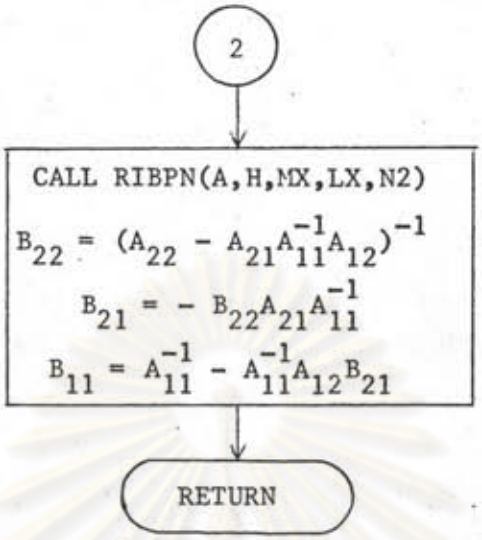
รูป ก.6 (ต่อ)



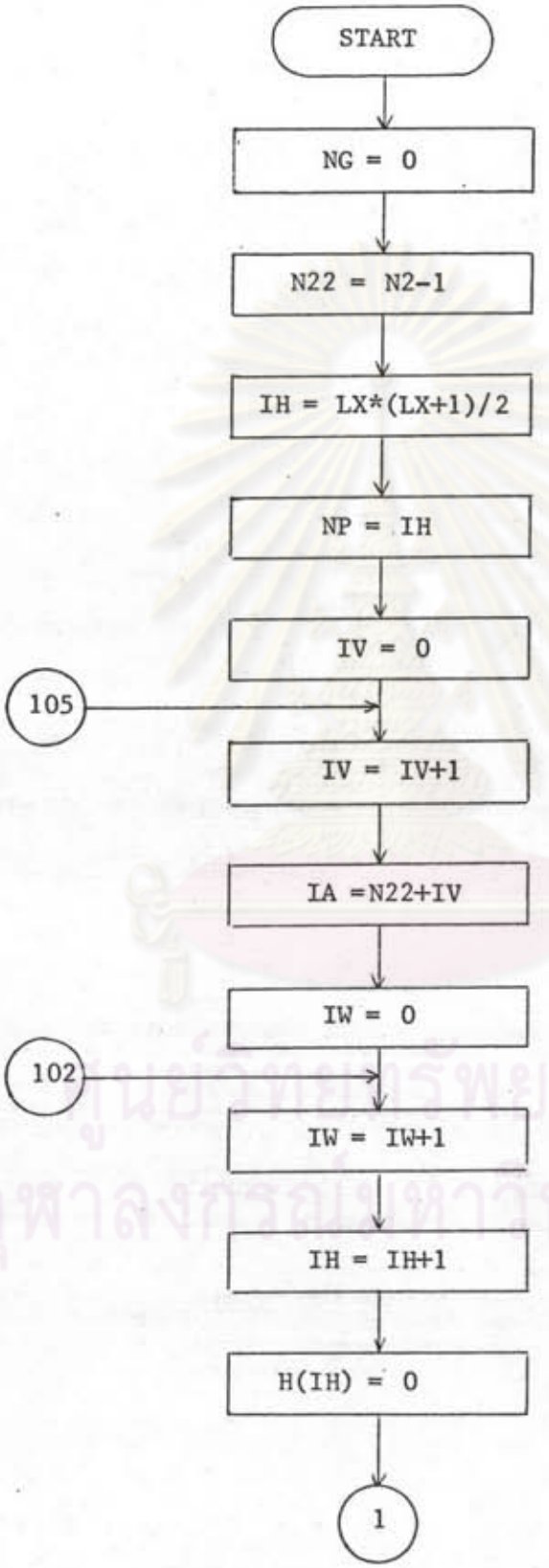
รูป ก.7 แผนผังขั้นตอนการทำงานของโปรแกรม KISBP



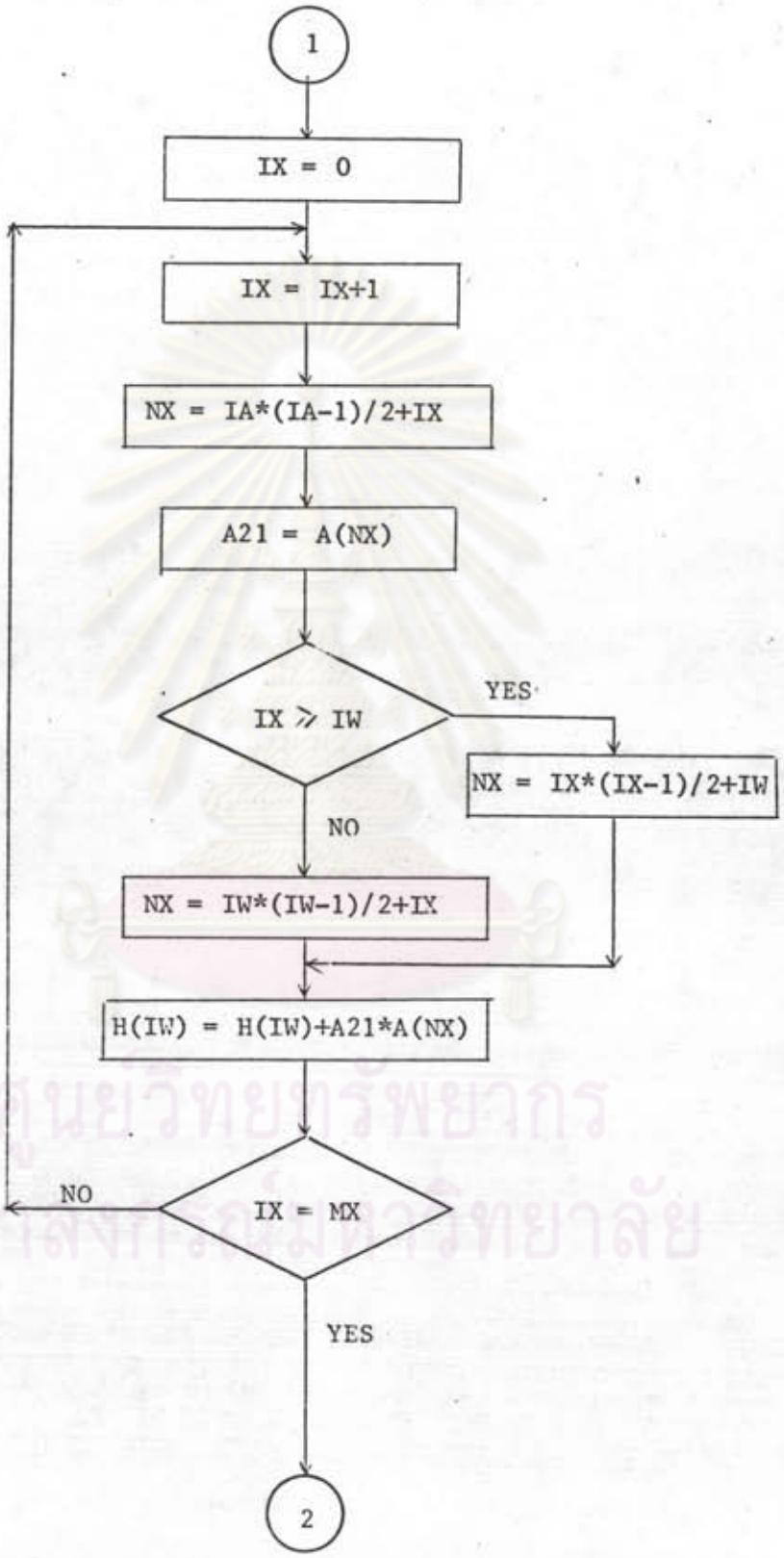
รูป ก.7 (ต่อ)



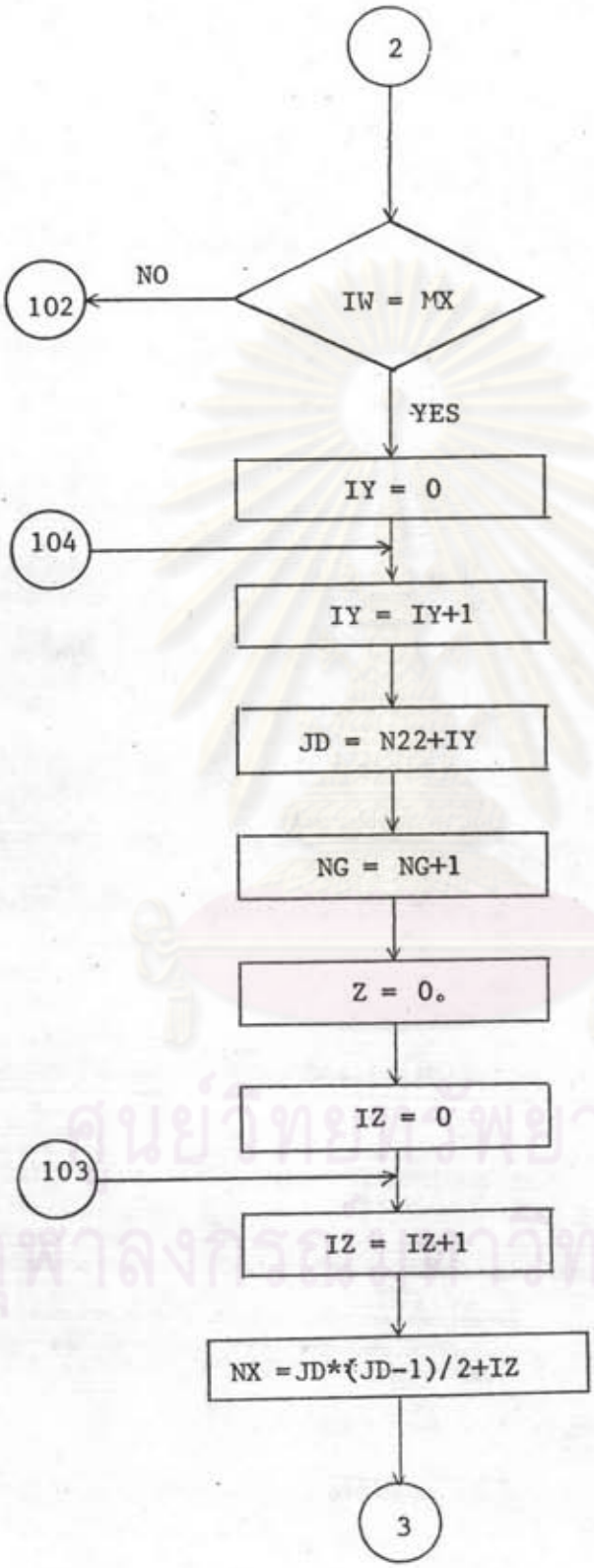
รูป ก.7 (ต่อ)



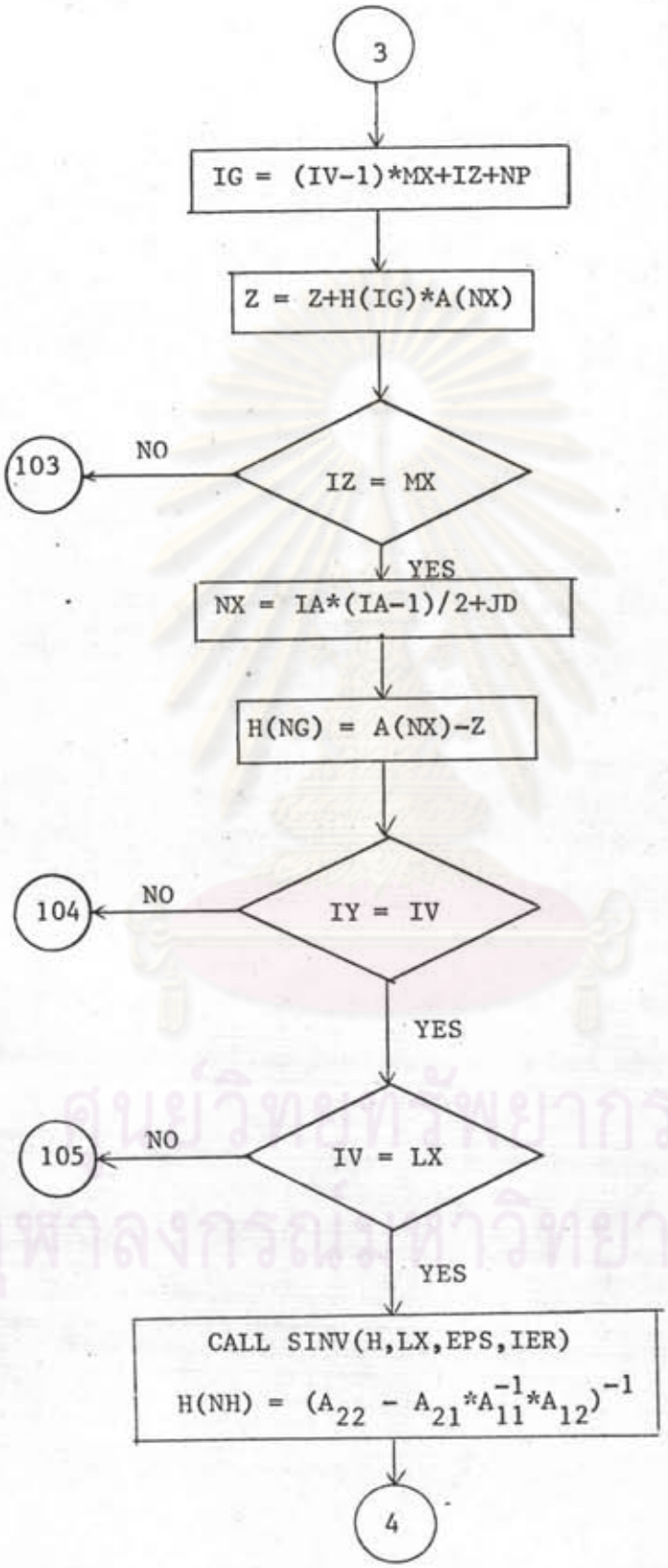
รูป ก.๘ แผนผังขั้นตอนการทำงานของโปรแกรม RIBPN



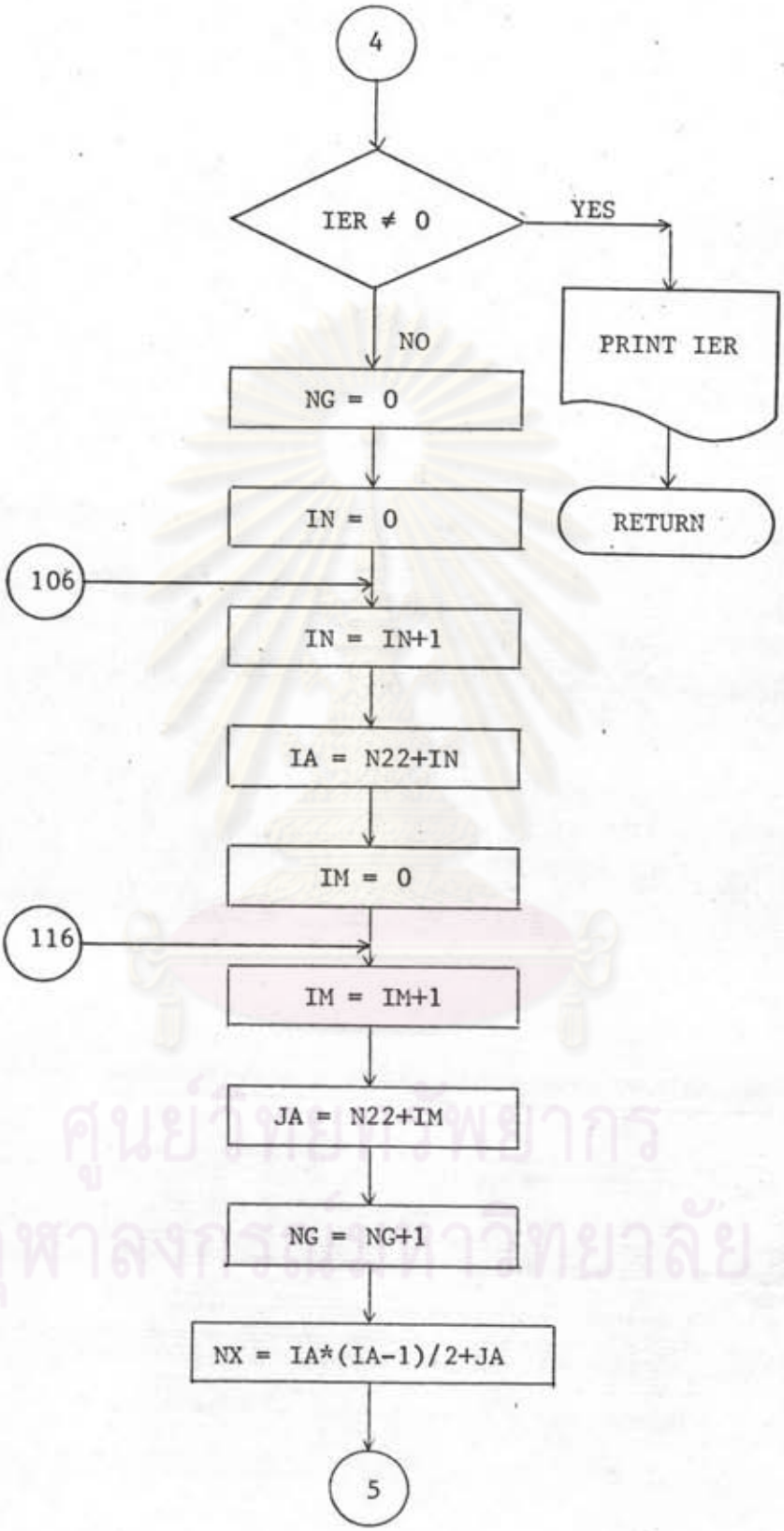
รูป ก.8 (ต่อ)



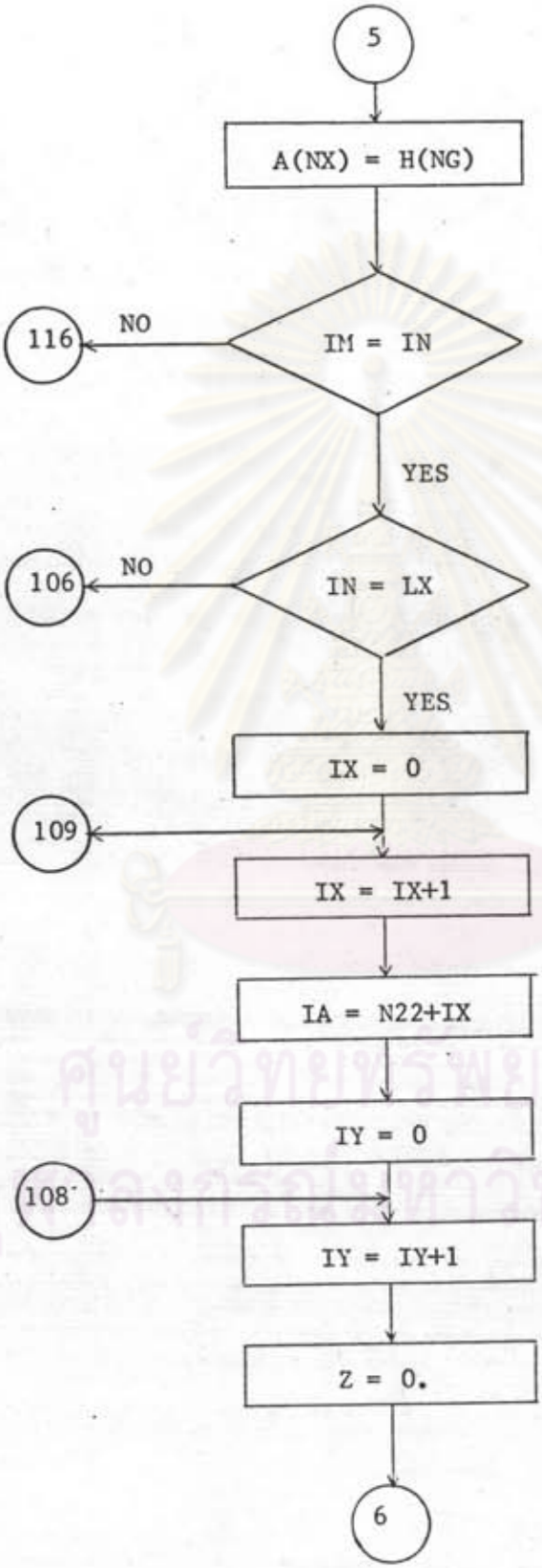
รูป ก.๑ (ต่อ)



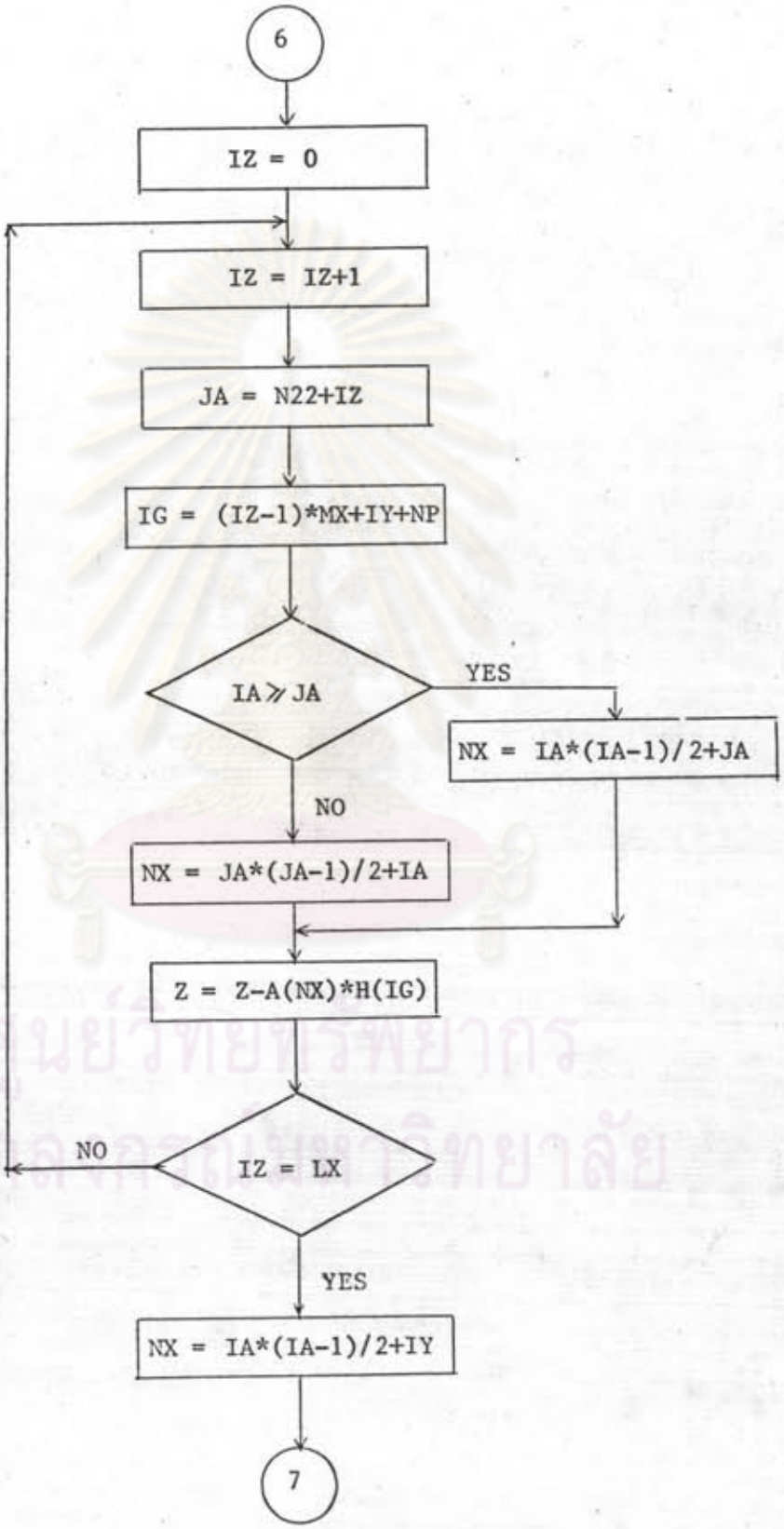
รูป ก.๑ (ต่อ)

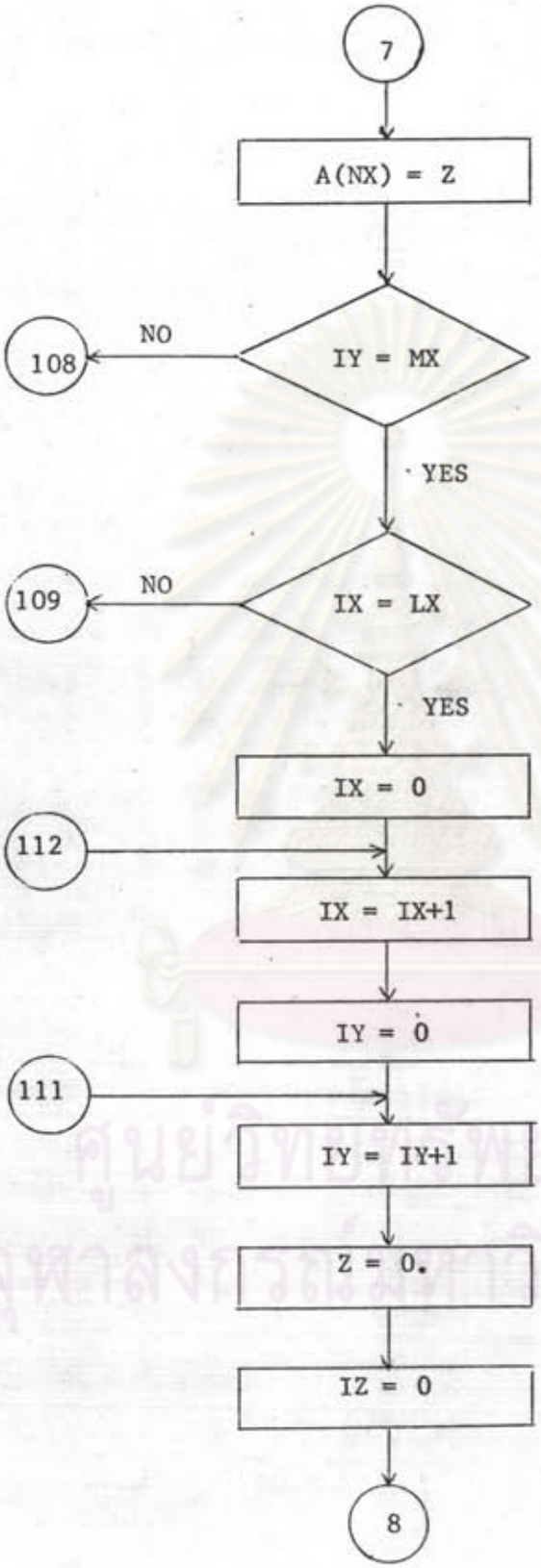


รูป ก.๘ (ต่อ)

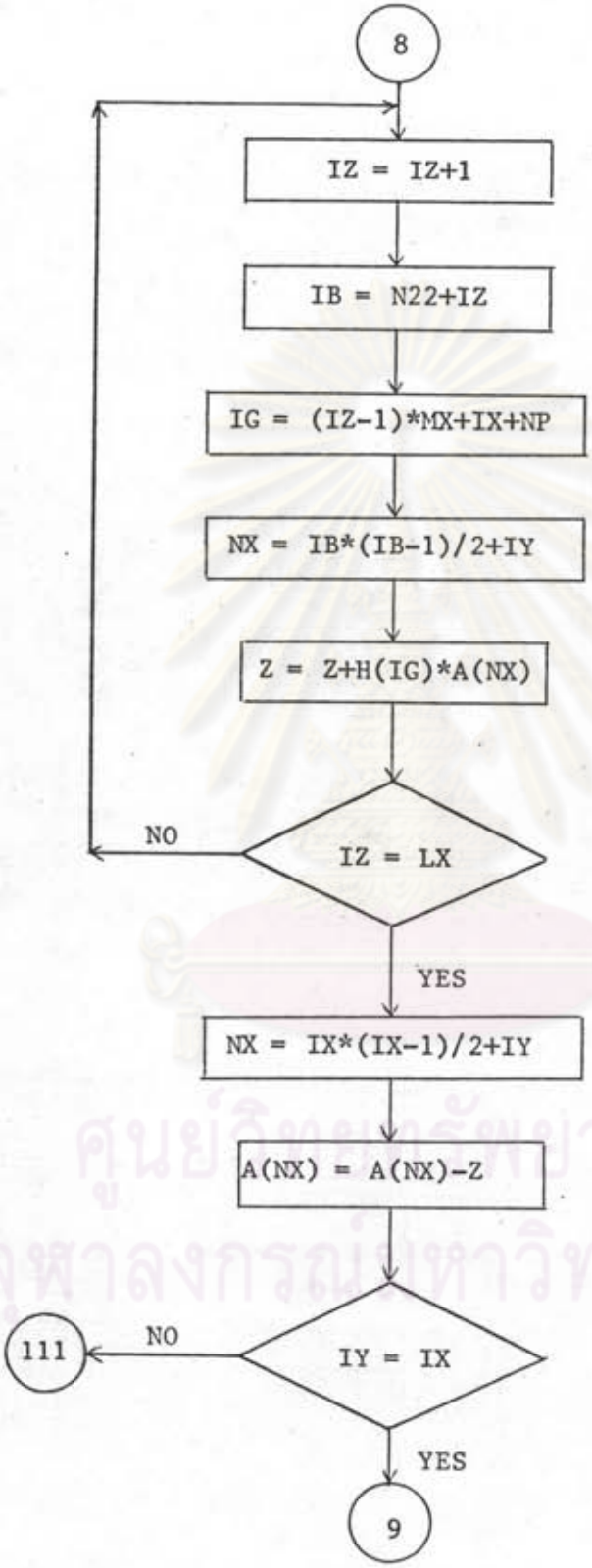


รูป ก.๑ (ต่อ)

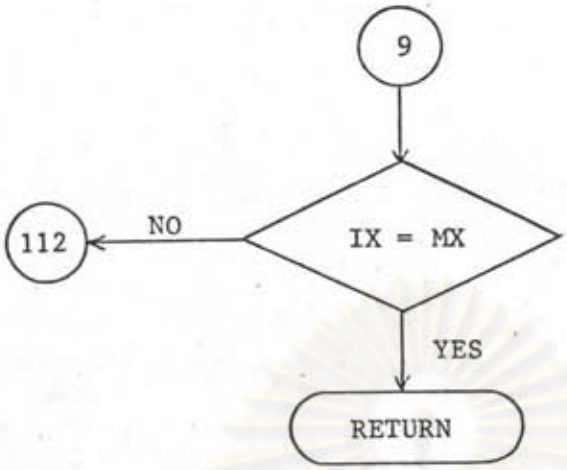

6
IZ = 0
IZ = IZ+1
JA = N22+IZ
IG = (IZ-1)*MX+IY+NP
IA≫JA
YES
NX = IA*(IA-1)/2+JA
NO
NX = JA*(JA-1)/2+IA
Z = Z-A(NX)*H(IG)
NO
IZ = LX
YES
NX = IA*(IA-1)/2+IY
7



รูป ก.๘ (ต่อ)



รูป ก.๘ (ต่อ)



ภาคผนวก ข.

แสดงตัวอย่างผลการคำนวณของโปรแกรมต่าง ๆ

```
DIRECT SOLUTION BY RECURSIVE PARTITIONING

N =    18

L =     3

K =     0

M =     3

VECTOR A ,NA =    51

 0.1100D+02  0.1793D+01  0.1200D+02  0.1793D+01 -0.1532D+01
 0.1300D+02 -0.1532D+01  0.1793D+01  0.1400D+02  0.1793D+01
-0.1532D+01  0.1500D+02 -0.1532D+01  0.1793D+01  0.1600D+02
 0.1793D+01 -0.1532D+01  0.1700D+02 -0.1532D+01  0.1793D+01
 0.1800D+02  0.1793D+01 -0.1532D+01  0.1900D+02 -0.1532D+01
 0.1793D+01  0.2000D+02  0.1793D+01 -0.1532D+01  0.2100D+02
-0.1532D+01  0.1793D+01  0.2200D+02  0.1793D+01 -0.1532D+01
 0.2300D+02 -0.1532D+01  0.1793D+01  0.2400D+02  0.1793D+01
-0.1532D+01  0.2500D+02 -0.1532D+01  0.1793D+01  0.2600D+02
 0.1793D+01 -0.1532D+01  0.2700D+02 -0.1532D+01  0.1793D+01
 0.2800D+02

VECTOR U

  1.10
  2.10
  3.10
  4.10
  5.10
  6.10
  7.10
  8.10
  9.10
 10.10
 11.10
 12.10
 13.10
 14.10
 15.10
 16.10
 17.10
 18.10
START TIME = 11:54:11

VECTOR X

 0.3238049809D-01
```

ตาราง ข.1 ผลการคำนวณของโปรแกรม DSBRP

```
                0.3405546988D+00
                0.1742888845D+00
                0.3770914772D+00
                0.2613446472D+00
                0.4719478773D+00
                0.3340831709D+00
                0.5408861120D+00
                0.3932276609D+00
                0.5937761333D+00
                0.4426439575D+00
                0.6356471372D+00
                0.4848688219D+00
                0.6693297530D+00
                0.5176018003D+00
                0.6961528130D+00
                0.5955363950D+00
                0.6463824908D+00
FINISH TIME = 11:54:12
```

ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 24

L = 4

K = 0

M = 4

VECTOR A ,NA = 90

0.1100D+02	0.1793D+01	0.1200D+02	0.1793D+01	-0.1532D+01
0.1300D+02	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1400D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1500D+02	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1600D+02	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1700D+02	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1800D+02	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1900D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.2000D+02	-0.1532D+01
0.1793D+01	-0.1532D+01	0.2100D+02	-0.1532D+01	0.1793D+01
-0.1532D+01	0.2200D+02	-0.1532D+01	0.1793D+01	-0.1532D+01
0.2300D+02	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2400D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.2500D+02	-0.1532D+01
0.1793D+01	-0.1532D+01	0.2600D+02	-0.1532D+01	0.1793D+01
-0.1532D+01	0.2700D+02	-0.1532D+01	0.1793D+01	-0.1532D+01
0.2800D+02	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2900D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.3000D+02	-0.1532D+01
0.1793D+01	-0.1532D+01	0.3100D+02	-0.1532D+01	0.1793D+01
-0.1532D+01	0.3200D+02	-0.1532D+01	0.1793D+01	-0.1532D+01
0.3300D+02	-0.1532D+01	0.1793D+01	-0.1532D+01	0.3400D+02

VECTOR U

1.10
2.10
3.10
4.10
5.10
6.10
7.10
8.10
9.10
10.10
11.10
12.10
13.10
14.10
15.10
16.10
17.10

ตาราง ข.1 (ต่อ)

```
                    18.10
                    19.10
                    20.10
                    21.10
                    22.10
                    23.10
                    24.10
 START TIME = 11:50:59

                  VECTOR X

          0.6786115993D-01
          0.2016541287D+00
          0.2912212786D+00
          0.3460824678D+00
          0.4020232151D+00
          0.4499000886D+00
          0.4878443180D+00
          0.5214318116D+00
          0.5511922694D+00
          0.5771475540D+00
          0.6002382729D+00
          0.6209623862D+00
          0.6396177023D+00
          0.6565194119D+00
          0.6718341876D+00
          0.6858620114D+00
          0.6990159160D+00
          0.7108012833D+00
          0.7200293050D+00
          0.7289955517D+00
          0.7381421418D+00
          0.7143736716D+00
          0.7614236714D+00
          0.7387194008D+00
 FINISH TIME = 11:51:00
```

ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 30

L = 5

K = 0

M = 5

VECTOR A ,NA = 140

0.1100D+02	0.1793D+01	0.1200D+02	0.1793D+01	-0.1532D+01
0.1300D+02	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1400D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1500D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1600D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1700D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1800D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1900D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2000D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.2100D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2200D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.2300D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2400D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.2500D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2600D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.2700D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.2800D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.2900D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.3000D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.3100D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.3200D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.3300D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.3400D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.3500D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.3600D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.3700D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.3800D+02
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.3900D+02
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.4000D+02

VECTOR U

1.10
2.10
3.10
4.10
5.10
6.10
7.10

ตาราง ข.1 (ต่อ)

```
                                 8.10
                                 9.10
                                10.10
                                11.10
                                12.10
                                13.10
                                14.10
                                15.10
                                16.10
                                17.10
                                18.10
                                19.10
                                20.10
                                21.10
                                22.10
                                23.10
                                24.10
                                25.10
                                26.10
                                27.10
                                28.10
                                29.10
                                30.10
 START TIME = 11:56:47

                          VECTOR X

                  0.11487847430D+00
                  0.75154123410D-01
                  0.41640437280D+00
                  0.11693210830D+00
                  0.56520077500D+00
                  0.32701648500D+00
                  0.68010515400D+00
                  0.30011727710D+00
                  0.71125738750D+00
                  0.35146709640D+00
                  0.74956019550D+00
                  0.39638920340D+00
                  0.77635246280D+00
                  0.43586332260D+00
                  0.79811885730D+00
                  0.47018904120D+00
                  0.81576533760D+00
                  0.50042828740D+00
                  0.83042360020D+00
                  0.52761611940D+00
                  0.84268967030D+00
                  0.55213119630D+00
                  0.85180450800D+00
                  0.57164645080D+00
                  0.86038492470D+00
                  0.58940338240D+00
                  0.87908556340D+00
                  0.60844513570D+00
                  0.78429796190D+00
                  0.75775139810D+00
```

ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 36

L = 6

K = 0

M = 6

VECTOR A ,NA = 201

0.1110D+03	0.1793D+01	0.1120D+03	0.1793D+01	-0.1532D+01
0.1130D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1170D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1180D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1190D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1200D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1210D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1220D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1230D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1240D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1250D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1260D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1270D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1280D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1290D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1300D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1310D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1320D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1330D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1340D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1350D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1360D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1370D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1380D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1390D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1400D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1410D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1420D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1430D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1440D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1450D+03

ตาราง ข.1 (ต่อ)

0.1793D+01 -0.1532D+01 0.1793D+01 -0.1532D+01 0.1793D+01
0.1460D+03

VECTOR U

112.10
113.10
114.10
115.10
116.10
117.10
118.10
119.10
120.10
121.10
122.10
123.10
124.10
125.10
126.10
127.10
128.10
129.10
130.10
131.10
132.10
133.10
134.10
135.10
136.10
137.10
138.10
139.10
140.10
141.10
142.10
143.10
144.10
145.10
146.10
147.10

START TIME = 14:19:35

VECTOR X

0.9895203604D+00
0.9737890741D+00
0.1016554692D+01
0.1001311893D+01
0.9859704544D+00
0.9699211641D+00
0.9712749178D+00
0.9706604846D+00
0.9712080483D+00
0.9714267571D+00
0.9719276194D+00

ตาราง ข.1 (ต่อ)

```
          0.9721128574D+00
          0.9723520687D+00
          0.9725574280D+00
          0.9727736320D+00
          0.9729771938D+00
          0.9731834941D+00
          0.9733852921D+00
          0.9735843698D+00
          0.9737810317D+00
          0.9739734274D+00
          0.9741674946D+00
          0.9743476722D+00
          0.9745463045D+00
          0.9747078756D+00
          0.9749176843D+00
          0.9748961061D+00
          0.9753915668D+00
          0.9750785084D+00
          0.9758473040D+00
          0.9752554871D+00
          0.9885453422D+00
          0.9773586587D+00
          0.9904459424D+00
          0.9794083099D+00
          0.9922924965D+00
FINISH TIME = 14:19:37
```

ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 42

L = 7

K = 0

M = 7

VECTOR A ,NA = 273

0.1110D+03	0.1793D+01	0.1120D+03	0.1793D+01	-0.1532D+01
0.1130D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1170D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1180D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1190D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1200D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1210D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1220D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1230D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1240D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1250D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1260D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1270D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1280D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1290D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1300D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1310D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1320D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1330D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1340D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1350D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1360D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1370D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1380D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1390D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1400D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01

0.1410D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1420D+03	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1430D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1440D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1450D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1460D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1470D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1480D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1490D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	0.1500D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1510D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1520D+03		

VECTOR U

112.10
113.10
114.10
115.10
116.10
117.10
118.10
119.10
120.10
121.10
122.10
123.10
124.10
125.10
126.10
127.10
128.10
129.10
130.10
131.10
132.10
133.10
134.10
135.10
136.10
137.10
138.10
139.10
140.10
141.10
142.10
143.10
144.10
145.10
146.10
147.10
148.10
149.10

ตาราง ข.1 (ต่อ)

```
                150.10
                151.10
                152.10
                153.10
 START TIME = 14:24:07

                VECTOR X

          0.9730429766D+00
          0.1017825953D+01
          0.9716487188D+00
          0.1073707273D+01
          0.9093472951D+00
          0.1072368765D+01
          0.9148814206D+00
          0.1086003956D+01
          0.9180320557D+00
          0.1086249451D+01
          0.9203495351D+00
          0.1084823851D+01
          0.9216511386D+00
          0.1083501509D+01
          0.9227899098D+00
          0.1082068556D+01
          0.9239003039D+00
          0.1080677873D+01
          0.9249928089D+00
          0.1079333610D+01
          0.9260539972D+00
          0.1078031285D+01
          0.9270852586D+00
          0.1076770773D+01
          0.9280901373D+00
          0.1075547560D+01
          0.9290714365D+00
          0.1074359824D+01
          0.9300297928D+00
          0.1073205933D+01
          0.9308042078D+00
          0.1072000446D+01
          0.9315187101D+00
          0.1070866857D+01
          0.9321901669D+00
          0.1069791699D+01
          0.9453768385D+00
          0.1048002510D+01
          0.9699713342D+00
          0.1026269468D+01
          0.9934424068D+00
          0.1004613488D+01
 FINISH TIME = 14:24:10
```

ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 48

L = 8

K = 0

M = 8

VECTOR A ,NA = 356

0.1110D+03	0.1793D+01	0.1120D+03	0.1793D+01	-0.1532D+01
0.1130D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1170D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1180D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1190D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1200D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1210D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1220D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1230D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1240D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1250D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1260D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1270D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1280D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1290D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1300D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1310D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1320D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1330D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1340D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1350D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1360D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1370D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01

ตาราง ข.1 (ต่อ)

```
 0.1380D+03 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1390D+03 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1400D+03 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1410D+03
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1420D+03 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1430D+03 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1440D+03 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1450D+03 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1460D+03
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1470D+03 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1480D+03 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1490D+03 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1500D+03 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1510D+03
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1520D+03 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1530D+03 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1540D+03 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1550D+03 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1560D+03
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1570D+03 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1580D+03
```

VECTOR U

```
112.10
113.10
114.10
115.10
116.10
117.10
118.10
119.10
120.10
121.10
122.10
123.10
124.10
125.10
126.10
127.10
128.10
129.10
130.10
131.10
132.10
```

ตาราง ข.1 (ต่อ)

```
                133.10
                134.10
                135.10
                136.10
                137.10
                138.10
                139.10
                140.10
                141.10
                142.10
                143.10
                144.10
                145.10
                146.10
                147.10
                148.10
                149.10
                150.10
                151.10
                152.10
                153.10
                154.10
                155.10
                156.10
                157.10
                158.10
                159.10
START TIME = 14:29:20

                VECTOR X

             0.9867879008D+00
             0.1000798865D+01
             0.1014535438D+01
             0.1027660258D+01
             0.9822621369D+00
             0.9966154939D+00
             0.1009801289D+01
             0.1021708293D+01
             0.1022454428D+01
             0.1021475642D+01
             0.1022238954D+01
             0.1021298866D+01
             0.1021214114D+01
             0.1021077873D+01
             0.1021010056D+01
             0.1020887271D+01
             0.1020687432D+01
             0.1020546529D+01
             0.1020375334D+01
             0.1020217093D+01
             0.1020061401D+01
             0.1019907447D+01
             0.1019757356D+01
             0.1019607647D+01
             0.1019460724D+01
             0.1019316646D+01
```

ตาราง ข.1 (ต่อ)

```
0.1019172941D+01
0.1019032872D+01
0.1018896527D+01
0.1018754373D+01
0.1018630778D+01
0.1018481052D+01
0.1018375107D+01
0.1018212830D+01
0.1018017389D+01
0.1018099036D+01
0.1017667621D+01
0.1017983182D+01
0.1017325654D+01
0.1017865371D+01
0.1016991333D+01
0.1007313263D+01
0.1018521821D+01
0.1008963794D+01
0.1020009394D+01
0.1010573640D+01
0.1021455823D+01
0.1012144264D+01
FINISH TIME = 14:29:26
```

ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 60

L = 10

K = 0

M = 10

VECTOR A ,NA = 555

0.1110D+03	0.1793D+01	0.1120D+03	0.1793D+01	-0.1532D+01
0.1130D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1170D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1180D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1190D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1200D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1210D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1220D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1230D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1240D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1250D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1260D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1270D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1280D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1290D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1300D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1310D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1320D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1330D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1340D+03

ตาราง ข.1 (ต่อ)

0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1350D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1360D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1370D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1380D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1390D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1400D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1410D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1420D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1430D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1440D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1450D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1460D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1470D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1480D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1490D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1500D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1510D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1520D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1530D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1540D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1550D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1560D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1570D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1580D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1590D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1600D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1610D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1620D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1630D+03

0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1640D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1650D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1660D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1670D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1680D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1690D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1700D+03

VECTOR U

112.10
113.10
114.10
115.10
116.10
117.10
118.10
119.10
120.10
121.10
122.10
123.10
124.10
125.10
126.10
127.10
128.10
129.10
130.10
131.10
132.10
133.10
134.10
135.10
136.10
137.10
138.10
139.10
140.10
141.10
142.10
143.10
144.10
145.10
146.10
147.10
148.10
149.10
150.10
151.10

ตาราง ข.1 (ต่อ)

152.10
153.10
154.10
155.10
156.10
157.10
158.10
159.10
160.10
161.10
162.10
163.10
164.10
165.10
166.10
167.10
168.10
169.10
170.10
171.10

START TIME = 14:45:34

VECTOR X

0.9850172820D+00
0.9693619671D+00
0.1012028558D+01
0.9968337960D+00
0.9816746669D+00
0.9656528370D+00
0.1006794415D+01
0.9930386171D+00
0.9784879871D+00
0.9622435935D+00
0.9644637056D+00
0.9630838533D+00
0.9645128182D+00
0.9639474428D+00
0.9653159458D+00
0.9647312033D+00
0.9653585879D+00
0.9655139901D+00
0.9661073573D+00
0.9662449997D+00
0.9665781535D+00
0.9667554283D+00
0.9670447961D+00
0.9672409717D+00
0.9674993157D+00
0.9677135004D+00
0.9679495765D+00
0.9681638839D+00
0.9683880133D+00
0.9686026364D+00
0.9688174266D+00
0.9690291895D+00
0.9692354682D+00

ตาราง ข.1 (ต่อ)

```
0.9694458533D+00
0.9696400353D+00
0.9698539161D+00
0.9700316785D+00
0.9702538141D+00
0.9704108842D+00
0.9706457662D+00
0.9707782055D+00
0.9710300206D+00
0.9710093984D+00
0.9714933307D+00
0.9712342136D+00
0.9719412998D+00
0.9714529951D+00
0.9723744870D+00
0.9716660656D+00
0.9727934271D+00
0.9718737252D+00
0.9839531756D+00
0.9737561735D+00
0.9856736025D+00
0.9755963266D+00
0.9873512621D+00
0.9773955820D+00
0.9889877377D+00
0.9791552744D+00
0.9905845375D+00
FINISH TIME = 14:45:43
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ตาราง ข.1 (ต่อ)

DIRECT SOLUTION BY RECURSIVE PARTITIONING

N = 72

L = 12

K = 0

M = 12

VECTOR A ,NA = 798

0.1110D+03	0.1793D+01	0.1120D+03	0.1793D+01	-0.1532D+01
0.1130D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1170D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1180D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1190D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1200D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1210D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1220D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1230D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1240D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1250D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1260D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1270D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1280D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1290D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0:1300D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1310D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01

ตาราง ข.1 (ต่อ)

0.1793D+01	-0.1532D+01	0.1320D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1330D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1340D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1350D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1360D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1370D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1380D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1390D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1400D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1410D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1420D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1430D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1440D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1450D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1460D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1470D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1480D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1490D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1500D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1510D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1520D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1530D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1540D+03	-0.1532D+01	0,1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1550D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01

ตาราง ข.1 (ต่อ)

0.1560D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1570D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1580D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1590D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1600D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1610D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1620D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1630D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1640D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1650D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1660D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1670D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1680D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1690D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1700D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1710D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1720D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1730D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1740D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1750D+03	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1760D+03	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1770D+03	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1780D+03
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1790D+03	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1800D+03	-0.1532D+01

ตาราง ข.1 (ต่อ)

```
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1810D+03 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1820D+03
```

VECTOR U

```
112.10
113.10
114.10
115.10
116.10
117.10
118.10
119.10
120.10
121.10
122.10
123.10
124.10
125.10
126.10
127.10
128.10
129.10
130.10
131.10
132.10
133.10
134.10
135.10
136.10
137.10
138.10
139.10
140.10
141.10
142.10
143.10
144.10
145.10
146.10
147.10
148.10
149.10
150.10
151.10
152.10
153.10
154.10
155.10
156.10
157.10
158.10
159.10
160.10
```


ตาราง ข.1 (ต่อ)

161.10
162.10
163.10
164.10
165.10
166.10
167.10
168.10
169.10
170.10
171.10
172.10
173.10
174.10
175.10
176.10
177.10
178.10
179.10
180.10
181.10
182.10
183.10

START TIME = 10:10:47

VECTOR X

0.9821634201D+00
0.9962052587D+00
0.1009869833D+01
0.1023044065D+01
0.9778196234D+00
0.9922416475D+00
0.1005323620D+01
0.1017311010D+01
0.9738215426D+00
0.9884867938D+00
0.1001113141D+01
0.1011933919D+01
0.1013445571D+01
0.1011879424D+01
0.1013393514D+01
0.1011873297D+01
0.1012555695D+01
0.1011819607D+01
0.1012502934D+01
0.1011790058D+01
0.1011717541D+01
0.1011735582D+01
0.1011665952D+01
0.1011684802D+01
0.1011512587D+01
0.1011494307D+01
0.1011364025D+01
0.1011310181D+01
0.1011209222D+01
0.1011140274D+01

ตาราง ข.1 (ต่อ)

```
0.10110590190+01
0.1010975753D+01
0.1010903599D+01
0.1010824008D+01
0.1010752585D+01
0.1010676789D+01
0.1010604457D+01
0.1010533293D+01
0.1010460570D+01
0.1010392510D+01
0.1010322845D+01
0.1010253173D+01
0.1010190874D+01
0.1010115316D+01
0.1010064243D+01
0.1009979154D+01
0.1009942601D+01
0.1009844700D+01
0.1009825677D+01
0.1009711971D+01
0.1009625176D+01
0.1009698855D+01
0.1009427974D+01
0.1009682195D+01
0.1009234071D+01
0.1009662135D+01
0.1009043458D+01
0.1009638814D+01
0.1008856119D+01
0.1009612369D+01
0.1008672029D+01
0.1000430985D+01
0.1010109092D+01
0.1001956953D+01
0.1011511042D+01
0.1003449445D+01
0.1012879146D+01
0.1004909539D+01
0.1014214614D+01
0.1006338264D+01
0.1015518598D+01
0.1007736605D+01
FINISH TIME = 10:11:01
```

ตาราง ข.1 (ต่อ)

```
------------------------------------------------------------------------------

                          TEST BY DSIMQ

                            N =   18

------------------------------------------------------------------------------
------------------------------------------------------------------------------
  COLUMN =    1                                              COLUMN =    5
------------------------------------------------------------------------------
  0.1100D+02  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
  0.1793D+01  0.1200D+02 -0.1532D+01 -0.1532D+01  0.0000D+00
  0.1793D+01 -0.1532D+01  0.1300D+02  0.1793D+01  0.1793D+01
  0.0000D+00 -0.1532D+01  0.1793D+01  0.1400D+02 -0.1532D+01
  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1500D+02
  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------------------------
  COLUMN =    6                                              COLUMN =   10
------------------------------------------------------------------------------
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
  0.1600D+02 -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00
 -0.1532D+01  0.1700D+02  0.1793D+01  0.1793D+01  0.0000D+00
 -0.1532D+01  0.1793D+01  0.1800D+02 -0.1532D+01 -0.1532D+01
  0.0000D+00  0.1793D+01 -0.1532D+01  0.1900D+02  0.1793D+01
  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01  0.2000D+02
  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------------------------
  COLUMN =   11                                              COLUMN =   15
------------------------------------------------------------------------------
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.2 ผลการคำนวณของโปรแกรม DSIMQ

```
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
-0.1532D+01  -0.1532D+01   0.0000D+00   0.0000D+00   0.0000D+00
 0.2100D+02   0.1793D+01   0.1793D+01   0.0000D+00   0.0000D+00
 0.1793D+01   0.2200D+02  -0.1532D+01  -0.1532D+01   0.0000D+00
 0.1793D+01  -0.1532D+01   0.2300D+02   0.1793D+01   0.1793D+01
 0.0000D+00  -0.1532D+01   0.1793D+01   0.2400D+02  -0.1532D+01
 0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01   0.2500D+02
 0.0000D+00   0.0000D+00   0.0000D+00  -0.1532D+01   0.1793D+01
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
```

COLUMN = 16

```
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00
-0.1532D+01   0.0000D+00   0.0000D+00
 0.1793D+01   0.1793D+01   0.0000D+00
 0.2600D+02  -0.1532D+01  -0.1532D+01
-0.1532D+01   0.2700D+02   0.1793D+01
-0.1532D+01   0.1793D+01   0.2800D+02
```

VECTOR U

```
 1.100
 2.100
 3.100
 4.100
 5.100
 6.100
 7.100
 8.100
 9.100
10.100
11.100
12.100
13.100
14.100
15.100
16.100
17.100
18.100
```

START TIME = 17:31:36

KS = 0

ตาราง ข.2 (ต่อ)

```
                    VECTOR X

                    0.32380498080-01
                    0.24055469880+00
                    0.17428888450+00
                    0.37709147720+00
                    0.26134464720+00
                    0.47184787730+00
                    0.33408317090+00
                    0.54088611200+00
                    0.39322766090+00
                    0.59377613330+00
                    0.44264395750+00
                    0.63564713720+00
                    0.48486882200+00
                    0.66932975300+00
                    0.51760180030+00
                    0.69615281800+00
                    0.59553639500+00
                    0.64638249080+00
FINISH TIME = 17:31:37
```

ตาราง ข.2 (ต่อ)

```
                         TEST BY DSIMQ

                           N =   24

-----------------------------------------------------------------
    COLUMN =    1                              COLUMN =    5
-----------------------------------------------------------------
    0.1100D+02  0.1793D+01  0.1793D+01 -0.1532D+01  0.0000D+00
    0.1793D+01  0.1200D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
    0.1793D+01 -0.1532D+01  0.1300D+02 -0.1532D+01  0.1793D+01
   -0.1532D+01  0.1793D+01 -0.1532D+01  0.1400D+02 -0.1532D+01
    0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1500D+02
    0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
    0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-----------------------------------------------------------------
    COLUMN =    6                              COLUMN =   10
-----------------------------------------------------------------
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
   -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
    0.1600D+02 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
   -0.1532D+01  0.1700D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
    0.1793D+01 -0.1532D+01  0.1800D+02 -0.1532D+01  0.1793D+01
   -0.1532D+01  0.1793D+01 -0.1532D+01  0.1900D+02 -0.1532D+01
    0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2000D+02
    0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
    0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.2 (ต่อ)

```
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------
  COLUMN =   11                                COLUMN =   15
------------------------------------------------------------
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
  0.2100D+02 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
 -0.1532D+01  0.2200D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.1793D+01 -0.1532D+01  0.2300D+02 -0.1532D+01  0.1793D+01
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2400D+02 -0.1532D+01
  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2500D+02
  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------
  COLUMN =   16                                COLUMN =   20
------------------------------------------------------------
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
  0.2600D+02 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
 -0.1532D+01  0.2700D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.1793D+01 -0.1532D+01  0.2800D+02 -0.1532D+01  0.1793D+01
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2900D+02 -0.1532D+01
  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.3000D+02
  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.2 (ต่อ)

```
   COLUMN =   21

   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
   0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
   0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
  -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
   0.3100D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
  -0.1532D+01  0.3200D+02 -0.1532D+01  0.1793D+01
   0.1793D+01 -0.1532D+01  0.3300D+02 -0.1532D+01
  -0.1532D+01  0.1793D+01 -0.1532D+01  0.3400D+02

                               VECTOR U

                                1.100
                                2.100
                                3.100
                                4.100
                                5.100
                                6.100
                                7.100
                                8.100
                                9.100
                               10.100
                               11.100
                               12.100
                               13.100
                               14.100
                               15.100
                               16.100
                               17.100
                               18.100
                               19.100
                               20.100
                               21.100
                               22.100
                               23.100
                               24.100
           START TIME = 19:02:05
                               KS =        0
```

ตาราง ข.2 (ต่อ)

VECTOR X

0.6786115993D-01
0.2016541287D+00
0.2912212786D+00
0.3460824678D+00
0.4020232151D+00
0.4499000886D+00
0.4878443180D+00
0.5214318116D+00
0.5511922694D+00
0.5771475540D+00
0.6002382728D+00
0.6209623363D+00
0.6396177023D+00
0.6565194119D+00
0.6718341876D+00
0.6858620114D+00
0.6990158160D+00
0.7103012833D+00
0.7200293050D+00
0.7338955517D+00
0.7381421418D+00
0.7143756716D+00
0.7614236714D+00
0.7387194008D+00

FINISH TIME = 19:02:07

ตาราง ข.2 (ต่อ)

```
------------------------------------------------------------------------------

                          TEST BY DSIMQ

                            N =   30

------------------------------------------------------------------------------
------------------------------------------------------------------------------
          COLUMN =    1                                         COLUMN =    5
------------------------------------------------------------------------------
           0.1100D+02  0.1793D+01  0.1793D+01 -0.1532D+01 -0.1532D+01
           0.1793D+01  0.1200D+02 -0.1532D+01  0.1793D+01  0.1793D+01
           0.1793D+01 -0.1532D+01  0.1300D+02 -0.1532D+01 -0.1532D+01
          -0.1532D+01  0.1793D+01 -0.1532D+01  0.1400D+02  0.1793D+01
          -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1500D+02
           0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
           0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------------------------
          COLUMN =    6                                         COLUMN =   10
------------------------------------------------------------------------------
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
          -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
           0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
          -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00
           0.1600D+02  0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01
           0.1793D+01  0.1700D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01
           0.1793D+01 -0.1532D+01  0.1800D+02  0.1793D+01  0.1793D+01
           0.1793D+01 -0.1532D+01  0.1793D+01  0.1900D+02 -0.1532D+01
           0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2000D+02
           0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
           0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
           0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
```

ตาราง ข.2 (ต่อ)

```
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------------
  COLUMN =  11                                     COLUMN =  15
------------------------------------------------------------------
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00
  0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00
  0.2100D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01
 -0.1532D+01  0.2200D+02  0.1793D+01  0.1793D+01  0.1793D+01
 -0.1532D+01  0.1793D+01  0.2300D+02 -0.1532D+01 -0.1532D+01
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2400D+02  0.1793D+01
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.2500D+02
  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
------------------------------------------------------------------
  COLUMN =  16                                     COLUMN =  20
------------------------------------------------------------------
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.2 (ต่อ)

```
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
-0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00
 0.2600D+02  0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01
 0.1793D+01  0.2700D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.2800D+02  0.1793D+01  0.1793D+01
 0.1793D+01 -0.1532D+01  0.1793D+01  0.2900D+02 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.3000D+02
 0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00

 COLUMN =   21                                     COLUMN =   25

 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00
 0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00
 0.3100D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01
-0.1532D+01  0.3200D+02  0.1793D+01  0.1793D+01  0.1793D+01
-0.1532D+01  0.1793D+01  0.3300D+02 -0.1532D+01 -0.1532D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.3400D+02  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.3500D+02
 0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.2 (ต่อ)

```
        COLUMN =  26                                                 COLUMN =  30
 ------------------------------------------------------------------------------------
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
         0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
        -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
         0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
        -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00
         0.3600D+02  0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01
         0.1793D+01  0.3700D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01
         0.1793D+01 -0.1532D+01  0.3800D+02  0.1793D+01  0.1793D+01
         0.1793D+01 -0.1532D+01  0.1793D+01  0.3900D+02 -0.1532D+01
         0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.4000D+02

                               VECTOR U

                                 1.100
                                 2.100
                                 3.100
                                 4.100
                                 5.100
                                 6.100
                                 7.100
                                 8.100
                                 9.100
                                10.100
                                11.100
                                12.100
                                13.100
                                14.100
                                15.100
                                16.100
                                17.100
                                18.100
                                19.100
                                20.100
                                21.100
                                22.100
```

ตาราง ข.2 (ต่อ)

```
                    23.100
                    24.100
                    25.100
                    26.100
                    27.100
                    28.100
                    29.100
                    30.100
START TIME = 18:09:27
                    KS =       0

                    VECTOR X

                    0.1148784743D+00
                    0.7515412341D-01
                    0.4164043728D+00
                    0.1169321083D+00
                    0.5652007750D+00
                    0.2270164856D+00
                    0.6601051540D+00
                    0.3001172771D+00
                    0.7112578275D+00
                    0.3514670964D+00
                    0.7485601855D+00
                    0.3963882024D+00
                    0.7763524628D+00
                    0.4358858226D+00
                    0.7981138573D+00
                    0.4701890412D+00
                    0.8157653376D+00
                    0.5004282874D+00
                    0.8304236002D+00
                    0.5276161194D+00
                    0.8426896703D+00
                    0.5521311963D+00
                    0.8518045080D+00
                    0.5716464508D+00
                    0.8603849247D+00
                    0.5894089624D+00
                    0.8390856341D+00
                    0.6804451857D+00
                    0.7842979619D+00
                    0.7577543891D+00
FINISH TIME = 18:09:30
```

ตาราง ข.2 (ต่อ)

TEST BY DSIM0

N = 36

COLUMN = 1				COLUMN = 5
0.1110D+03	0.1793D+01	0.1793D+01	-0.1532D+01	-0.1532D+01
0.1793D+01	0.1120D+03	-0.1532D+01	0.1793D+01	0.1793D+01
0.1793D+01	-0.1532D+01	0.1130D+03	-0.1532D+01	-0.1532D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.0000D+00	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.0000D+00	0.0000D+00	0.1793D+01	-0.1532D+01	0.1793D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.1793D+01	-0.1532D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.1793D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00

COLUMN = 6				COLUMN = 10
0.1793D+01	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
-0.1532D+01	0.1793D+01	0.0000D+00	0.0000D+00	0.0000D+00
0.1793D+01	-0.1532D+01	0.1793D+01	0.0000D+00	0.0000D+00
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.0000D+00
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1170D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1180D+03	0.1793D+01	-0.1532D+01

ตาราง ข.2 (ต่อ)

```
  0.1793D+01 -0.1532D+01  0.1793D+01  0.1190D+03  0.1793D+01
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1200D+03
  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
..............................................................
  COLUMN =  11              .                    COLUMN =  15
..............................................................
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00
  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
  0.1210D+03  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
  0.1793D+01  0.1220D+03  0.1793D+01 -0.1532D+01  0.1793D+01
 -0.1532D+01  0.1793D+01  0.1230D+03  0.1793D+01 -0.1532D+01
  0.1793D+01 -0.1532D+01  0.1793D+01  0.1240D+03  0.1793D+01
 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1250D+03
  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01, -0.1532D+01
  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.2 (ต่อ)

```
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
......................................................................
   COLUMN =   16                                        COLUMN =   20
......................................................................
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00
   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
   0.1260D+03   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
   0.1793D+01   0.1270D+03   0.1793D+01  -0.1532D+01   0.1793D+01
  -0.1532D+01   0.1793D+01   0.1290D+03   0.1793D+01  -0.1532D+01
   0.1793D+01  -0.1532D+01   0.1793D+01   0.1290D+03   0.1793D+01
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.1300D+03
   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
......................................................................
   COLUMN =   21                                        COLUMN =   [illegible]
......................................................................
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
```

ตาราง ข.2 (ต่อ)

```
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.1310D+03  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01  0.1320D+03  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01  0.1330D+03  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01  0.1340D+03  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1350D+03
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
.......................................................................
 COLUMN =  26                                         COLUMN =  30
.......................................................................
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.1260D+03  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
```

ตาราง ข.2 (ต่อ)

```
   0.1793D+01   0.1370D+03   0.1793D+01  -0.1532D+01   0.1793D+01
  -0.1532D+01   0.1793D+01   0.1380D+03   0.1793D+01  -0.1532D+01
   0.1793D+01  -0.1532D+01   0.1793D+01   0.1390D+03   0.1793D+01
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.1400D+03
   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
...........................................................................
   COLUMN =   31                                         COLUMN =   35
...........................................................................
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00
   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
   0.1410D+03   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
   0.1793D+01   0.1420D+03   0.1793D+01  -0.1532D+01   0.1793D+01
  -0.1532D+01   0.1793D+01   0.1430D+03   0.1793D+01  -0.1532D+01
   0.1793D+01  -0.1532D+01   0.1793D+01   0.1440D+03   0.1793D+01
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.1450D+03
   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
...........................................................................
   COLUMN =   36
...........................................................................
   0.0000D+00
   0.0000D+00
   0.0000D+00
   0.0000D+00
   0.0000D+00
   0.0000D+00
```

ตาราง ข.2 (ต่อ)

0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.0000D+00
0.1793D+01
-0.1532D+01
0.1793D+01
-0.1532D+01
0.1793D+01
0.1460D+03

VECTOR U

112.100
112.100
114.100
115.100
116.100
117.100
118.100
119.100
120.100
121.100
122.100
123.100
124.100
125.100
126.100
127.100
128.100
129.100
130.100
131.100
132.100
133.100
134.100
135.100

ตาราง ข.2 (ต่อ)

```
                    136.100
                    137.100
                    138.100
                    139.100
                    140.100
                    141.100
                    142.100
                    143.100
                    144.100
                    145.100
                    146.100
                    147.100
START TIME = 12:08:17
                     KS =      0

                      VECTOR X

                    0.98952036D+00
                    0.97379907D+00
                    0.10165546D+01
                    0.10013119D+01
                    0.98597045D+00
                    0.96992116D+00
                    0.97127491D+00
                    0.97066048D+00
                    0.97120804D+00
                    0.97142675D+00
                    0.97192761D+00
                    0.97211285D+00
                    0.97235206D+00
                    0.97255742D+00
                    0.97277383D+00
                    0.97297719D+00
                    0.97318349D+00
                    0.97338529D+00
                    0.97358436D+00
                    0.97378103D+00
                    0.97397342D+00
                    0.97416749D+00
                    0.97434767D+00
                    0.97454630D+00
                    0.97470737D+00
                    0.97491768D+00
                    0.97489610D+00
                    0.97539156D+00
                    0.97507850D+00
                    0.97584730D+00
                    0.97525548D+00
                    0.98854534D+00
                    0.97735865D+00
                    0.99044594D+00
                    0.97940830D+00
                    0.99229249D+00
FINISH TIME = 12:08:21
```

ตาราง ข.2 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV)

N = 18 L = 3 K = 0 M = 3

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 171

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
0.0000	-1.5320	1.7930	114.0000	0.0000	0.0000
1.7930	-1.5320	115.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	116.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	117.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	118.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	119.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	128.0000			

START TIME = 14:48:13

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
NA = 171

0.9014D-02	-0.1463D-03	0.8934D-02	-0.1450D-03	0.1216D-03
0.8858D-02	0.3456D-06	0.1182D-03	-0.1396D-03	0.8779D-02
0.2267D-05	-0.3462D-06	-0.1400D-03	0.1174D-03	0.8704D-02
-0.3094D-07	0.1567D-05	0.3489D-06	0.1141D-03	-0.1348D-03
0.8627D-02	-0.3516D-07	0.2551D-07	0.2151D-05	-0.3269D-06
-0.1352D-03	0.1133D-03	0.8555D-02	0.1393D-09	0.1995D-07
-0.2858D-07	0.1487D-05	0.3306D-06	0.1103D-03	-0.1302D-03
0.8481D-02	0.5317D-09	-0.1315D-09	-0.3279D-07	0.2380D-07
0.2042D-05	-0.3094D-06	-0.1306D-03	0.1095D-03	0.8411D-02
-0.6267D-11	0.2568D-09	0.1312D-09	0.1864D-07	-0.2668D-07

ตาราง ข.3 ผลการคำนวณของโปรแกรม KRINV

```
 0.1413D-05  0.3136D-06  0.1066D-03 -0.1259D-03  0.8339D-02
-0.7961D-11  0.5154D-11  0.4877D-09 -0.1202D-09 -0.3060D-07
 0.2222D-07  0.1940D-05 -0.2931D-06 -0.1263D-03  0.1059D-03
 0.8271D-02  0.3975D-13  0.3149D-11 -0.5610D-11  0.2359D-09
 0.1203D-09  0.1742D-07 -0.2493D-07  0.1344D-05  0.2977D-06
 0.1032D-03 -0.1218D-03  0.8202D-02  0.1166D-12 -0.3650D-13
-0.7181D-11  0.4650D-11  0.4478D-09 -0.1102D-09 -0.2860D-07
 0.2078D-07  0.1845D-05 -0.2780D-06 -0.1221D-03  0.1025D-03
 0.8137D-02 -0.1215D-14  0.3945D-13  0.3580D-13  0.2847D-11
-0.5068D-11  0.2169D-09  0.1105D-09  0.1631D-07 -0.2333D-07
 0.1279D-05  0.2829D-06  0.9987D-04 -0.1178D-03  0.8070D-02
-0.1688D-14  0.1000D-14  0.1035D-12 -0.3232D-13 -0.6487D-11
 0.4202D-11  0.4117D-09 -0.1011D-09 -0.2676D-07  0.1945D-07
 0.1756D-05 -0.2638D-06 -0.1182D-03  0.9921D-04  0.8006D-02
 0.9527D-17  0.4654D-15 -0.1055D-14  0.3509D-13  0.3180D-13
 0.2578D-11 -0.4586D-11  0.1998D-09  0.1017D-09  0.1528D-07
-0.2185D-07  0.1218D-05  0.2690D-06  0.9672D-04 -0.1141D-03
 0.7942D-02  0.2395D-16 -0.8591D-17 -0.1474D-14  0.8738D-15
 0.9198D-13 -0.2867D-13 -0.5869D-11  0.3804D-11  0.3790D-09
-0.9286D-10 -0.2505D-07  0.1822D-07  0.1672D-05 -0.2503D-06
-0.1144D-03  0.9609D-04  0.7878D-02 -0.2214D-18  0.5691D-17
 0.8016D-17  0.4078D-15 -0.9079D-15  0.3125D-13  0.2732D-13
 0.2338D-11 -0.4093D-11  0.1842D-09  0.8944D-10  0.1433D-07
-0.2020D-07  0.1161D-05  0.2369D-06  0.9371D-04 -0.1092D-03
 0.7815D-02
    FINISH TIME = 14:48:14
```

ตาราง ข.3 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV)

N = 24 L = 4 K = 0 M = 4

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 300

11.0000	1.7930	12.0000	1.7930	-1.5320	13.0000
-1.5320	1.7930	-1.5320	14.0000	0.0000	-1.5320
1.7930	-1.5320	15.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	16.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	17.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	18.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	19.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	21.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	22.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	24.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	25.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	26.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	27.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	28.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	29.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	30.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	31.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
32.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.3 (ต่อ)

```
  0.0000     0.0000    -1.5320     1.7930    -1.5320    33.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000     0.0000     0.0000     0.0000     0.0000
  0.0000     0.0000    -1.5320     1.7930    -1.5320    34.0000
    START TIME = 19:41:07

 VECTOR STORE LOWER TRIANGULATION OF MATRIX A   INVERSE
                      NA =    300

 0.9793D-01 -0.1819D-01  0.9019D-01 -0.1466D-01  0.1107D-01
 0.8269D-01  0.1196D-01 -0.1210D-01  0.4455D-02  0.7691D-01
 0.7857D-03  0.7170D-02 -0.7918D-02  0.4766D-02  0.7058D-01
-0.2659D-02  0.2962D-02  0.6997D-02 -0.7433D-02  0.4393D-02
 0.6587D-01  0.8188D-03 -0.1613D-02  0.1745D-02  0.6034D-02
-0.6361D-02  0.3903D-02  0.6161D-01  0.3818D-03  0.2220D-03
-0.1229D-02  0.1563D-02  0.5244D-02 -0.5630D-02  0.3553D-02
 0.5791D-01 -0.2659D-03  0.4047D-03  0.3309D-03 -0.1049D-02
 0.1300D-02  0.4663D-02 -0.5017D-02  0.3230D-02  0.5463D-01
 0.1322D-04 -0.1179D-03  0.2637D-03  0.2656D-03 -0.8608D-03
 0.1098D-02  0.4158D-02 -0.4499D-02  0.2951D-02  0.5172D-01
 0.5095D-04 -0.2429D-04 -0.1014D-03  0.2187D-03  0.2268D-03
-0.7302D-03  0.9390D-03  0.3736D-02 -0.4061D-02  0.2707D-02
 0.4911D-01 -0.1671D-04  0.3634D-04 -0.3514D-05 -0.8154D-04
 0.1732D-03  0.1985D-03 -0.6232D-03  0.8086D-03  0.3378D-02
-0.3686D-02  0.2491D-02  0.4675D-01 -0.3914D-05 -0.4000D-05
 0.2520D-04 -0.3290D-05 -0.6496D-04  0.1405D-03  0.1734D-03
-0.5368D-03  0.7019D-03  0.3069D-02 -0.3361D-02  0.2301D-02
 0.4462D-01  0.4273D-05 -0.4412D-05 -0.4877D-05  0.1981D-04
-0.1496D-05 -0.5354D-04  0.1153D-03  0.1527D-03 -0.4661D-03
 0.6134D-03  0.2802D-02 -0.3079D-02  0.2131D-02  0.4267D-01
-0.5316D-06  0.2288D-05 -0.2228D-05 -0.3746D-05  0.1514D-04
-0.3448D-06 -0.4434D-04  0.9555D-04  0.1353D-03 -0.4075D-03
 0.5393D-03  0.2569D-02 -0.2831D-02  0.1980D-02  0.4089D-01
-0.5456D-06  0.1760D-06  0.1708D-05 -0.1712D-05 -0.2972D-05
 0.1191D-04  0.3095D-06 -0.3712D-04  0.7992D-04  0.1204D-03
-0.3585D-03  0.4768D-03  0.2365D-02 -0.2613D-02  0.1844D-02
 0.3926D-01  0.2512D-06 -0.3907D-06 -0.4971D-07  0.1288D-05
-0.1209D-05 -0.2440D-05  0.9468D-05  0.7303D-06 -0.3133D-04
 0.6740D-04  0.1077D-03 -0.3171D-03  0.4237D-03  0.2184D-02
-0.2419D-02  0.1722D-02  0.3775D-01  0.1679D-07  0.9620D-07
-0.2312D-06 -0.3746D-07  0.9606D-06 -0.8769D-06 -0.2002D-05
 0.7609D-05  0.9765D-06 -0.2665D-04  0.5726D-04  0.9669D-04
-0.2820D-03  0.3783D-03  0.2024D-02 -0.2247D-02  0.1611D-02
 0.3635D-01 -0.4330D-07  0.3734D-07  0.8295D-07 -0.1701D-06
-0.4028D-07  0.7389D-06 -0.6455D-06 -0.1659D-05  0.6179D-05
 0.1111D-05 -0.2282D-04  0.4898D-04  0.8717D-04 -0.2520D-03
 0.3392D-03  0.1881D-02 -0.2092D-02  0.1511D-02  0.3506D-01
 0.9959D-08 -0.2395D-07  0.1466D-07  0.6062D-07 -0.1197D-06
-0.4072D-07  0.5734D-06 -0.4796D-06 -0.1384D-05  0.5062D-05
 0.1173D-05 -0.1966D-04  0.4215D-04  0.7887D-04 -0.2261D-03
 0.3054D-03  0.1753D-02 -0.1953D-02  0.1420D-02  0.3386D-01
 0.3710D-08  0.1622D-08 -0.1551D-07  0.1039D-07  0.4471D-07
-0.8692D-07 -0.3778D-07  0.4503D-06 -0.3600D-06 -0.1162D-05
 0.4182D-05  0.1185D-05 -0.1704D-04  0.3649D-04  0.7159D-04
-0.2037D-03  0.2760D-03  0.1637D-02 -0.1828D-02  0.1338D-02
 0.3273D-01 -0.2463D-08  0.3164D-08  0.2527D-08 -0.1102D-07
```

ตาราง ข.3 (ต่อ)

```
 0.6479D-08  0.3400D-07 -0.6376D-07 -0.3438D-07  0.3567D-06
-0.2710D-06 -0.9808D-06  0.3473D-05  0.1174D-05 -0.1482D-04
 0.3166D-04  0.6515D-04 -0.1837D-03  0.2492D-03  0.1531D-02
-0.1709D-02  0.1253D-02  0.3163D-01  0.1605D-09 -0.1060D-08
 0.1605D-08  0.1791D-08 -0.7623D-08  0.4154D-08  0.2584D-07
-0.4740D-07 -0.2982D-07  0.2844D-06 -0.2076D-06 -0.8237D-06
 0.2905D-05  0.1106D-05 -0.1287D-04  0.2774D-04  0.5899D-04
-0.1656D-03  0.2292D-03  0.1430D-02 -0.1596D-02  0.1249D-02
 0.3057D-01  0.3043D-09 -0.1416D-09 -0.7596D-09  0.1130D-08
 0.1330D-08 -0.5522D-08  0.2824D-08  0.1997D-07 -0.3637D-07
-0.2525D-07  0.2308D-06 -0.1669D-06 -0.6988D-06  0.2476D-05
 0.9760D-06 -0.1136D-04  0.2478D-04  0.5317D-04 -0.1528D-03
 0.2148D-03  0.1337D-02 -0.1555D-02  0.1240D-02  0.2961D-01
   FINISH TIME = 19:41:09
```

ตาราง ข.3 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV)

N = 30 L = 5 K = 0 M = 5

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 465

11.0000	1.7930	12.0000	1.7930	-1.5320	13.0000
-1.5320	1.7930	-1.5320	14.0000	-1.5320	1.7930
-1.5320	1.7930	15.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	16.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	1.7930	17.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	18.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	19.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.7930	-1.5320	1.7930	-1.5320
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	21.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	22.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	1.7930
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	24.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	25.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	1.7930
-1.5320	1.7930	-1.5320	26.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	27.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	28.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	1.7930	29.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	30.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	31.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.7930	-1.5320	1.7930	-1.5320
32.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.3 (ต่อ)

0.0000	-1.5320	1.7930	-1.5320	1.7930	33.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	34.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	1.7930
35.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	36.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	37.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	1.7930
-1.5320	1.7930	-1.5320	38.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	39.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	40.0000			

START TIME = 19:45:49

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
NA = 465

0.9922D-01	-0.1976D-01	0.9333D-01	-0.1368D-01	0.1012D-01
0.8281D-01	0.1081D-01	-0.1060D-01	0.3675D-02	0.7861D-01
0.9738D-02	-0.1139D-01	0.6841D-02	-0.9088D-02	0.7368D-01
0.8025D-03	-0.9786D-02	0.6164D-02	-0.6232D-02	0.7754D-02
0.6843D-01	-0.1581D-02	0.2239D-02	0.7152D-02	-0.8848D-02
0.8487D-02	-0.6930D-02	0.6389D-01	-0.5234D-03	0.1159D-02
0.9156D-04	-0.8888D-02	0.6594D-02	-0.4862D-02	0.6162D-02
0.5998D-01	0.6330D-03	0.1353D-03	0.5933D-03	0.8825D-04
0.5310D-02	-0.6430D-02	0.6671D-02	-0.5328D-02	0.5611D-01
-0.1097D-03	0.9838D-03	-0.3545D-04	0.6296D-03	-0.3071D-03
-0.6827D-02	0.5092D-02	-0.3981D-02	0.4743D-02	0.5316D-01
-0.5281D-05	-0.2996D-04	0.5760D-03	0.9996D-04	0.5011D-03
0.9678D-04	0.4213D-02	-0.5074D-02	0.5182D-02	-0.4335D-02
0.5013D-01	0.9222D-04	-0.1587D-03	0.6462D-04	0.7104D-02
-0.1585D-03	0.4733D-03	-0.2104D-03	-0.5359D-02	0.4033D-02
-0.3320D-02	0.3791D-02	0.4780D-01	0.4298D-04	-0.6022D-04
0.8052D-04	-0.1047D-03	0.4370D-03	0.9651D-04	0.3649D-03
0.8467D-04	0.3417D-02	-0.4120D-02	0.4141D-02	-0.3594D-02
0.4536D-01	0.4254D-05	-0.6966D-04	0.3702D-04	-0.9360D-04

ตาราง ข.3 (ต่อ)

0.8595D-04	0.5012D-03	-0.1048D-03	0.3534D-03	-0.1407D-03
-0.4312D-02	0.3291D-02	-0.2809D-02	0.3106D-02	0.4345D-01
-0.4752D-05	0.1195D-04	0.3325D-04	-0.4719D-04	0.6598D-04
-0.6559D-04	0.3115D-03	0.6905D-04	0.2613D-03	0.6353D-04
0.2831D-02	-0.3414D-02	0.3387D-02	-0.3027D-02	0.4144D-01
-0.4583D-05	0.1261D-04	-0.7312D-06	-0.5230D-04	0.3329D-04
-0.6142D-04	0.5625D-04	0.3631D-03	-0.7306D-04	0.2694D-03
-0.1008D-03	-0.3550D-02	0.2739D-02	-0.2409D-02	0.2594D-02
0.3985D-01	0.2221D-05	0.1215D-05	0.4177D-05	0.1617D-05
0.2064D-04	-0.2904D-04	0.4362D-04	-0.4359D-04	0.2280D-03
0.4947D-04	0.1931D-03	0.4927D-04	0.2387D-02	-0.2877D-02
0.2823D-02	-0.2584D-02	0.3817D-01	-0.1618D-06	0.4489D-05
-0.4616D-06	0.6695D-05	-0.3144D-05	-0.3382D-04	0.2168D-04
-0.4201D-04	0.3708D-04	0.2708D-03	-0.5349D-04	0.2103D-03
-0.7495D-04	-0.2977D-02	0.2317D-02	-0.2088D-02	0.2202D-02
0.3682D-01	0.1860D-06	-0.4318D-06	0.2098D-05	0.5048D-06
0.2781D-05	0.1211D-05	0.1396D-04	-0.1951D-04	0.2937D-04
-0.3053D-04	0.1727D-03	0.3691D-04	0.1470D-03	0.3922D-04
0.2042D-02	-0.2458D-02	0.2390D-02	-0.2232D-02	0.3539D-01
0.4017D-06	-0.9634D-06	0.3605D-06	0.2912D-05	-0.7329D-06
0.4175D-05	-0.1861D-05	-0.2270D-04	0.1473D-04	-0.2969D-04
0.2568D-04	0.2079D-03	-0.4027D-04	0.1674D-03	-0.5729D-04
-0.2534D-02	0.1987D-02	-0.1828D-02	0.1894D-02	0.3423D-01
0.1041D-06	-0.1717D-06	0.3263D-06	-0.4906D-06	0.1419D-05
0.3955D-06	0.1738D-05	0.8171D-06	0.9737D-05	-0.1367D-04
0.2055D-04	-0.2203D-04	0.1342D-03	0.2837D-04	0.1146D-03
0.3181D-04	0.1767D-02	-0.2126D-02	0.2050D-02	-0.1947D-02
0.3299D-01	0.1606D-08	-0.2326D-06	0.1166D-06	-0.5234D-06
0.3991D-06	0.1779D-05	-0.4308D-06	0.2673D-05	-0.1116D-05
-0.1581D-04	0.1042D-04	-0.2161D-04	0.1840D-04	0.1633D-03
-0.3105D-04	0.1356D-03	-0.4482D-04	-0.2184D-02	0.1724D-02
-0.1614D-02	0.1647D-02	0.3199D-01	-0.8961D-08	0.4019D-07
0.8701D-07	-0.1346D-06	0.2191D-06	-0.2702D-06	0.8734D-06
0.2551D-06	0.1099D-05	0.5403D-06	0.7017D-05	-0.9879D-05
0.1484D-04	-0.1630D-04	0.1065D-03	0.2233D-04	0.9119D-04
0.2621D-04	0.1546D-02	-0.1857D-02	0.1778D-02	-0.1713D-02
0.3091D-01	-0.1737D-07	0.5664D-07	-0.7432D-08	-0.1565D-06
0.8937D-07	-0.3009D-06	0.2280D-06	0.1128D-05	-0.2718D-06
0.1771D-05	-0.7142D-06	-0.1139D-04	0.7599D-05	-0.1613D-04
0.1355D-04	0.1308D-03	-0.2442D-04	0.1114D-03	-0.3575D-04
-0.1903D-02	0.1510D-02	-0.1435D-02	0.1446D-02	0.3002D-01
0.5078D-08	0.3518D-08	0.1271D-07	0.8986D-08	0.4647D-07
-0.7321D-07	0.1280D-06	-0.1598D-06	0.5568D-06	0.1664D-06
0.7232D-06	0.3711D-06	0.5197D-05	-0.7329D-05	0.1100D-04
-0.1233D-04	0.8604D-04	0.1792D-04	0.7377D-04	0.2188D-04
0.1364D-02	-0.1636D-02	0.1557D-02	-0.1519D-02	0.2908D-01
0.5281D-09	0.1090D-07	-0.1527D-08	0.2827D-07	-0.1351D-07
-0.8952D-07	0.5152D-07	-0.1810D-06	0.1335D-06	0.7428D-06
-0.1802D-06	0.1215D-05	-0.4760D-06	-0.8415D-05	0.5678D-05
-0.1229D-04	0.1022D-04	0.1065D-03	-0.1955D-04	0.9270D-04
-0.2899D-04	-0.1673D-02	0.1334D-02	-0.1285D-02	0.1280D-02
0.2829D-01	0.7025D-09	-0.1620D-08	0.4647D-08	0.1169D-08
0.7418D-08	0.5524D-08	0.2776D-07	-0.4364D-07	0.7710D-07
-0.9976D-07	0.3701D-06	0.1140D-06	0.4921D-06	0.2643D-06
0.3930D-05	-0.5560D-05	0.8323D-05	-0.9508D-05	0.7047D-04
0.1475D-04	0.6035D-04	0.1868D-04	0.1210D-02	-0.1454D-02
0.1373D-02	-0.1357D-02	0.2741D-01	0.1022D-08	-0.3076D-08
0.1078D-08	0.6593D-08	-0.1592D-08	0.1548D-07	-0.7062D-08

ตาราง ข.3 (ต่อ)

```
-0.5344D-07  0.3145D-07 -0.1131D-06  0.8305D-07  0.5056D-06
-0.1213D-06  0.8527D-06 -0.3179D-06 -0.6353D-05  0.4342D-05
-0.9510D-05  0.7962D-05  0.8759D-04 -0.1552D-04  0.7742D-04
-0.2136D-04 -0.1480D-02  0.1189D-02 -0.1154D-02  0.1185D-02
 0.2664D-01  0.1544D-09 -0.3017D-09  0.7113D-09 -0.1265D-08
 0.2853D-08  0.8847D-09  0.4046D-08  0.3138D-08  0.1717D-07
-0.2763D-07  0.4822D-07 -0.6298D-07  0.2531D-06  0.8399D-07
 0.3369D-06  0.1791D-06  0.3029D-05 -0.4321D-05  0.6334D-05
-0.7156D-05  0.5824D-04  0.1267D-04  0.4794D-04  0.1303D-04
 0.1082D-02 -0.1302D-02  0.1182D-02 -0.1123D-02  0.2589D-01
-0.3667D-10 -0.4242D-09  0.2253D-09 -0.1566D-08  0.1070D-08
 0.3564D-08 -0.7746D-09  0.8957D-08 -0.3783D-08 -0.3310D-07
 0.2038D-07 -0.7515D-07  0.5532D-07  0.3523D-06 -0.7684D-07
 0.6297D-06 -0.2180D-06 -0.4878D-05  0.3461D-05 -0.7791D-05
 0.6537D-05  0.7273D-04 -0.1064D-04  0.6875D-04 -0.1662D-04
-0.1318D-02  0.1103D-02 -0.1140D-02  0.1145D-02  0.2520D-01
    FINISH TIME = 19:45:54
```

ตาราง ข.3 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV)

N = 36 L = 6 K = 0 M = 6

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 666

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
-1.5320	1.7930	-1.5320	114.0000	-1.5320	1.7930
-1.5320	1.7930	115.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	116.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	117.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	118.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	119.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	128.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	129.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	130.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	131.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
132.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.3 (ต่อ)

1.7930	-1.5320	1.7930	-1.5320	1.7930	133.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	134.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
135.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	136.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	137.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	138.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	139.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	140.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	141.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	142.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	143.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
144.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.3 (ต่อ)

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	145.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	146.0000

START TIME = 19:50:13

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
NA = 666

0.9019D-02	-0.1521D-03	0.8941D-02	-0.1397D-03	0.1160D-03
0.8862D-02	0.1179D-03	-0.1350D-03	0.1078D-03	0.8787D-02
0.1211D-03	-0.1417D-03	0.1188D-03	-0.1395D-03	0.8713D-02
-0.1397D-03	0.1214D-03	-0.1377D-03	0.1191D-03	-0.1499D-03
0.8640D-02	0.2539D-05	-0.1374D-03	0.1187D-03	-0.1388D-03
0.1284D-03	-0.1474D-03	0.8566D-02	-0.1562D-06	0.2522D-05
-0.1390D-03	0.1207D-03	-0.1439D-03	0.1264D-03	-0.1450D-03
0.8494D-02	0.2013D-05	-0.3603D-05	0.5881D-05	-0.1400D-03
0.1228D-03	-0.1416D-03	0.1243D-03	-0.1426D-03	0.8422D-02
-0.3703D-05	0.5900D-05	-0.7349D-05	0.9593D-05	-0.1381D-03
0.1209D-03	-0.1393D-03	0.1222D-03	-0.1402D-03	0.8352D-02
0.2192D-05	-0.3752D-05	0.5884D-05	-0.7408D-05	0.9861D-05
-0.1358D-03	0.1188D-03	-0.1369D-03	0.1201D-03	-0.1377D-03
0.8282D-02	-0.1525D-06	0.2244D-05	-0.3802D-05	0.5942D-05
-0.7559D-05	0.9619D-05	-0.1334D-03	0.1167D-03	-0.1345D-03
0.1180D-03	-0.1353D-03	0.8214D-02	0.1143D-06	-0.2543D-06
0.2348D-05	-0.3870D-05	0.5971D-05	-0.7373D-05	0.9379D-05
-0.1312D-03	0.1147D-03	-0.1322D-03	0.1159D-03	-0.1330D-03
0.8147D-02	-0.1120D-06	0.2151D-06	-0.3500D-06	0.2393D-05
-0.3851D-05	0.5823D-05	-0.7188D-05	0.9143D-05	-0.1289D-03
0.1127D-03	-0.1300D-03	0.1139D-03	-0.1307D-03	0.8081D-02
0.8593D-07	-0.1711D-06	0.2704D-06	-0.4035D-06	0.2352D-05
-0.3754D-05	0.5676D-05	-0.7005D-05	0.8911D-05	-0.1268D-03
0.1108D-03	-0.1278D-03	0.1120D-03	-0.1285D-03	0.8016D-02
-0.3750D-07	0.9024D-07	-0.1737D-06	0.2721D-06	-0.4055D-06
0.2291D-05	-0.3657D-05	0.5531D-05	-0.6827D-05	0.8687D-05
-0.1247D-03	0.1089D-03	-0.1256D-03	0.1101D-03	-0.1264D-03
0.7952D-02	0.6824D-08	-0.4145D-07	0.9364D-07	-0.1753D-06
0.2717D-06	-0.3923D-06	0.2231D-05	-0.3563D-05	0.5391D-05
-0.6655D-05	0.8469D-05	-0.1226D-03	0.1071D-03	-0.1235D-03
0.1082D-03	-0.1243D-03	0.7889D-02	-0.4772D-08	0.1039D-07
-0.4463D-07	0.9520D-07	-0.1735D-06	0.2628D-06	-0.3793D-06
0.2173D-05	-0.3472D-05	0.5256D-05	-0.6488D-05	0.8259D-05
-0.1206D-03	0.1053D-03	-0.1215D-03	0.1064D-03	-0.1222D-03
0.7827D-02	0.3286D-08	-0.7014D-08	0.1243D-07	-0.4562D-07
0.9370D-07	-0.1678D-06	0.2540D-06	-0.3668D-06	0.2116D-05
-0.3384D-05	0.5125D-05	-0.6327D-05	0.8056D-05	-0.1186D-03
0.1036D-03	-0.1195D-03	0.1047D-03	-0.1202D-03	0.7766D-02
-0.1839D-08	0.4260D-08	-0.7871D-08	0.1315D-07	-0.4467D-07
0.9052D-07	-0.1621D-06	0.2455D-06	-0.3546D-06	0.2062D-05
-0.3299D-05	0.4998D-05	-0.6171D-05	0.7859D-05	-0.1167D-03
0.1019D-03	-0.1176D-03	0.1030D-03	-0.1183D-03	0.7707D-02
0.7285D-09	-0.2022D-08	0.4385D-08	-0.7897D-08	0.1301D-07
-0.4309D-07	0.8741D-07	-0.1567D-06	0.2374D-06	-0.3430D-06

ตาราง ข.3 (ต่อ)

0.2009D-05	-0.3216D-05	0.4875D-05	-0.6021D-05	0.7668D-05
-0.1148D-03	0.1003D-03	-0.1157D-03	0.1013D-03	-0.1164D-03
0.7647D-02	-0.2276D-09	0.8644D-09	-0.2131D-08	0.4415D-08
-0.7775D-08	0.1248D-07	-0.4156D-07	0.8441D-07	-0.1514D-06
0.2296D-06	-0.3318D-06	0.1959D-05	-0.3137D-05	0.4756D-05
-0.5875D-05	0.7484D-05	-0.1130D-03	0.9866D-04	-0.1139D-03
0.9967D-04	-0.1145D-03	0.7589D-02	0.1403D-09	-0.3178D-09
0.9395D-09	-0.2158D-08	0.4323D-08	-0.7457D-08	0.1197D-07
-0.4009D-07	0.8154D-07	-0.1464D-06	0.2221D-06	-0.3210D-06
0.1910D-05	-0.3060D-05	0.4641D-05	-0.5734D-05	0.7306D-05
-0.1112D-03	0.9709D-04	-0.1121D-03	0.9808D-04	-0.1127D-03
0.7532D-02	-0.8007D-10	0.1860D-09	-0.3568D-09	0.9551D-09
-0.2106D-08	0.4144D-08	-0.7150D-08	0.1149D-07	-0.3867D-07
0.7879D-07	-0.1416D-06	0.2149D-06	-0.3107D-06	0.1862D-05
-0.2985D-05	0.4530D-05	-0.5597D-05	0.7133D-05	-0.1095D-03
0.9556D-04	-0.1103D-03	0.9652D-04	-0.1109D-03	0.7476D-02
0.3873D-10	-0.9808D-10	0.2003D-09	-0.3649D-09	0.9304D-09
-0.2016D-08	0.3971D-08	-0.6856D-08	0.1102D-07	-0.3732D-07
0.7615D-07	-0.1370D-06	0.2079D-06	-0.3009D-06	0.1816D-05
-0.2913D-05	0.4423D-05	-0.5465D-05	0.6966D-05	-0.1078D-03
0.9406D-04	-0.1086D-03	0.9500D-04	-0.1092D-03	0.7420D-02
-0.1559D-10	0.4442D-10	-0.1019D-09	0.2002D-09	-0.3567D-09
0.8889D-09	-0.1930D-08	0.3805D-08	-0.6575D-08	0.1057D-07
-0.3603D-07	0.7363D-07	-0.1326D-06	0.2013D-06	-0.2914D-06
0.1772D-05	-0.2843D-05	0.4318D-05	-0.5336D-05	0.6803D-05
-0.1061D-03	0.9260D-04	-0.1069D-03	0.9352D-04	-0.1075D-03
0.7365D-02	0.6315D-11	-0.1918D-10	0.4711D-10	-0.1022D-09
0.1950D-09	-0.3396D-09	0.8491D-09	-0.1848D-08	0.3648D-08
-0.6308D-08	0.1015D-07	-0.3479D-07	0.7120D-07	-0.1283D-06
0.1949D-06	-0.2822D-06	0.1729D-05	-0.2775D-05	0.4217D-05
-0.5212D-05	0.6646D-05	-0.1045D-03	0.9117D-04	-0.1053D-03
0.9208D-04	-0.1059D-03	0.7311D-02	-0.3510D-11	0.8311D-11
-0.2073D-10	0.4741D-10	-0.9914D-10	0.1855D-09	-0.3231D-09
0.8113D-09	-0.1769D-08	0.3498D-08	-0.6054D-08	0.9748D-08
-0.3361D-07	0.6888D-07	-0.1242D-06	0.1888D-06	-0.2735D-06
0.1687D-05	-0.2710D-05	0.4119D-05	-0.5092D-05	0.6494D-05
-0.1029D-03	0.8978D-04	-0.1037D-03	0.9066D-04	-0.1043D-03
0.7258D-02	0.1793D-11	-0.4419D-11	0.9017D-11	-0.2088D-10
0.4590D-10	-0.9423D-10	0.1764D-09	-0.3075D-09	0.7754D-09
-0.1695D-08	0.3356D-08	-0.5812D-08	0.9364D-08	-0.3247D-07
0.6665D-07	-0.1203D-06	0.1829D-06	-0.2650D-06	0.1647D-05
-0.2647D-05	0.4025D-05	-0.4975D-05	0.6346D-05	-0.1014D-03
0.8841D-04	-0.1021D-03	0.8928D-04	-0.1027D-03	0.7206D-02
-0.8166D-12	0.2157D-11	-0.4676D-11	0.9063D-11	-0.2019D-10
0.4356D-10	-0.8954D-10	0.1678D-09	-0.2928D-09	0.7413D-09
-0.1624D-08	0.3220D-08	-0.5582D-08	0.8998D-08	-0.3138D-07
0.6451D-07	-0.1165D-06	0.1773D-06	-0.2569D-06	0.1608D-05
-0.2585D-05	0.3933D-05	-0.4862D-05	0.6203D-05	-0.9987D-04
0.8708D-04	-0.1006D-03	0.8793D-04	-0.1011D-03	0.7154D-02
0.3450D-12	-0.9639D-12	0.2251D-11	-0.4650D-11	0.8771D-11
-0.1912D-10	0.4133D-10	-0.8510D-10	0.1597D-09	-0.2788D-09
0.7090D-09	-0.1557D-08	0.3091D-08	-0.5362D-08	0.8649D-08
-0.3034D-07	0.6245D-07	-0.1129D-06	0.1718D-06	-0.2491D-06
0.1570D-05	-0.2526D-05	0.3843D-05	-0.4752D-05	0.6064D-05
-0.9839D-04	0.8578D-04	-0.9909D-04	0.8661D-04	-0.9964D-04
0.7103D-02	-0.1551D-12	0.4274D-12	-0.1021D-11	0.2243D-11
-0.4485D-11	0.8281D-11	-0.1810D-10	0.3921D-10	-0.8088D-10
0.1519D-09	-0.2655D-09	0.6782D-09	-0.1492D-08	0.2967D-08

ตาราง ข.3 (ต่อ)

```
-0.5151D-08  0.8313D-08 -0.2933D-07  0.6046D-07 -0.1094D-06
 0.1665D-06 -0.2415D-06  0.1533D-05 -0.2467D-05  0.3756D-05
-0.4644D-05  0.5926D-05 -0.9693D-04  0.8448D-04 -0.9759D-04
 0.8526D-04 -0.9810D-04  0.7052D-02  0.7985D-13 -0.1962D-12
 0.4564D-12 -0.1019D-11  0.2158D-11 -0.4230D-11  0.7815D-11
-0.1713D-10  0.3721D-10 -0.7689D-10  0.1446D-09 -0.2529D-09
 0.6488D-09 -0.1431D-08  0.2849D-08 -0.4950D-08  0.7990D-08
-0.2836D-07  0.5854D-07 -0.1060D-06  0.1614D-06 -0.2340D-06
 0.1497D-05 -0.2410D-05  0.3670D-05 -0.4538D-05  0.5780D-05
-0.9549D-04  0.8320D-04 -0.9611D-04  0.8394D-04 -0.9564D-04
 0.7002D-02 -0.3825D-13  0.9774D-13 -0.2084D-12  0.4544D-12
-0.9777D-12  0.2031D-11 -0.3986D-11  0.7370D-11 -0.1620D-10
 0.3529D-10 -0.7308D-10  0.1376D-09 -0.2407D-09  0.6204D-09
-0.1371D-08  0.2735D-08 -0.4753D-08  0.7671D-08 -0.2741D-07
 0.5666D-07 -0.1027D-06  0.1563D-06 -0.2264D-06  0.1462D-05
-0.2354D-05  0.3586D-05 -0.4420D-05  0.5625D-05 -0.9406D-04
 0.8193D-04 -0.9465D-04  0.8154D-04 -0.9325D-04  0.6952D-02
 0.1707D-13 -0.4567D-13  0.1022D-12 -0.2066D-12  0.4352D-12
-0.9179D-12  0.1910D-11 -0.3753D-11  0.6944D-11 -0.1532D-10
 0.3346D-10 -0.6941D-10  0.1308D-09 -0.2289D-09  0.5929D-09
-0.1314D-08  0.2622D-08 -0.4558D-08  0.7356D-08 -0.2648D-07
 0.5483D-07 -0.9933D-07  0.1510D-06 -0.2187D-06  0.1427D-05
-0.2299D-05  0.3492D-05 -0.4299D-05  0.5466D-05 -0.9267D-04
 0.8068D-04 -0.9228D-04  0.7950D-04 -0.9092D-04  0.6903D-02
-0.7456D-14  0.2032D-13 -0.4741D-13  0.1005D-12 -0.1969D-12
 0.4063D-12 -0.8587D-12  0.1790D-11 -0.3522D-11  0.6521D-11
-0.1445D-10  0.3164D-10 -0.6572D-10  0.1239D-09 -0.2169D-09
 0.5655D-09 -0.1255D-08  0.2506D-08 -0.4355D-08  0.7028D-08
-0.2555D-07  0.5284D-07 -0.9571D-07  0.1454D-06 -0.2105D-06
 0.1392D-05 -0.2231D-05  0.3388D-05 -0.4163D-05  0.5296D-05
-0.9128D-04  0.7836D-04 -0.8997D-04  0.7722D-04 -0.8866D-04
 0.6854D-02
    FINISH TIME = 19:50:20
```

ตาราง ข.3 (ต่อ)

```
                         INVERSE BY DMINV

                             N =   18

      COLUMN =    1                                   COLUMN =    5

      0.1100D+02  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
      0.1793D+01  0.1200D+02 -0.1532D+01 -0.1532D+01  0.0000D+00
      0.1793D+01 -0.1532D+01  0.1300D+02  0.1793D+01  0.1793D+01
      0.0000D+00 -0.1532D+01  0.1793D+01  0.1400D+02 -0.1532D+01
      0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1500D+02
      0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00

      COLUMN =    6                                   COLUMN =   10

      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
      0.1600D+02 -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00
     -0.1532D+01  0.1700D+02  0.1793D+01  0.1793D+01  0.0000D+00
     -0.1532D+01  0.1793D+01  0.1800D+02 -0.1532D+01 -0.1532D+01
      0.0000D+00  0.1793D+01 -0.1532D+01  0.1900D+02  0.1793D+01
      0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01  0.2000D+02
      0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00

      COLUMN =   11                                   COLUMN =   15

      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.4 ผลการคำนวณของโปรแกรม DMINV

0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.1793D+01	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
-0.1532D+01	-0.1532D+01	0.0000D+00	0.0000D+00	0.0000D+00
0.2100D+02	0.1793D+01	0.1793D+01	0.0000D+00	0.0000D+00
0.1793D+01	0.2200D+02	-0.1532D+01	-0.1532D+01	0.0000D+00
0.1793D+01	-0.1532D+01	0.2300D+02	0.1793D+01	0.1793D+01
0.0000D+00	-0.1532D+01	0.1793D+01	0.2400D+02	-0.1532D+01
0.0000D+00	0.0000D+00	0.1793D+01	-0.1532D+01	0.2500D+02
0.0000D+00	0.0000D+00	0.0000D+00	-0.1532D+01	0.1793D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.1793D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00

COLUMN = 16

0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000B+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00
-0.1532D+01	0.0000D+00	0.0000D+00
0.1793D+01	0.1793D+01	0.0000D+00
0.2600D+02	-0.1532D+01	-0.1532D+01
-0.1532D+01	0.2700D+02	0.1793D+01
-0.1532D+01	0.1793D+01	0.2800D+02

START TIME = 14:13:58

MATRIX A INVERSE

I = 18 J = 18

COLUMN = 1 COLUMN = 5

0.9609D-01	-0.1629D-01	-0.1549D-01	0.3929D-03	0.1943D-02
-0.1629D-01	0.8830D-01	0.1161D-01	0.8197D-02	-0.6735D-03
-0.1549D-01	0.1161D-01	0.8344D-01	-0.1061D-01	-0.1125D-01
0.3929D-03	0.8197D-02	-0.1061D-01	0.7528D-01	0.8247D-02
0.1943D-02	-0.6735D-03	-0.1125D-01	0.8247D-02	0.7079D-01
-0.2011D-03	0.8800D-03	0.3538D-03	0.6304D-02	-0.7916D-02
-0.2262D-03	0.1450D-03	0.1243D-02	-0.3716D-03	-0.8288D-02
0.7173D-05	0.6012D-04	-0.1041D-03	0.5835D-03	0.2157D-03
0.2227D-04	-0.9474D-05	-0.1271D-03	0.7898D-04	0.8124D-03
-0.1598D-05	0.5568D-05	0.4234D-05	0.3751D-04	-0.6186D-04
-0.2037D-05	0.1197D-05	0.1130D-04	-0.4309D-05	-0.7458D-04
0.6564D-07	0.2866D-06	-0.6893D-06	0.3011D-05	0.2166D-05
0.1649D-06	-0.7670D-07	-0.9347D-06	0.5269D-06	0.6020D-05
-0.8897D-08	0.2453D-07	0.3006D-07	0.1516D-06	-0.3397D-06
-0.1246D-07	0.6966D-08	0.6946D-07	-0.2948D-07	-0.4557D-06
0.3830D-09	0.9450D-09	-0.3295D-08	0.1115D-07	0.1317D-07
0.8513D-09	-0.4142D-09	-0.4808D-08	0.2561D-08	0.3110D-07

ตาราง ข.4 (ต่อ)

-0.3355D-10	0.7823D-10	0.1276D-09	0.4459D-09	-0.1271D-08

COLUMN = 6				COLUMN = 10
-0.2011D-03	-0.2262D-03	0.7173D-05	0.2227D-04	-0.1598D-05
0.8800D-03	0.1450D-03	0.6012D-04	-0.9474D-05	0.5568D-05
0.3538D-03	0.1243D-02	-0.1041D-03	-0.1271D-03	0.4234D-05
0.6304D-02	-0.3716D-03	0.5835D-03	0.7898D-04	0.3751D-04
-0.7916D-02	-0.8288D-02	0.2157D-03	0.8124D-03	-0.6186D-04
0.6506D-01	0.6202D-02	0.4934D-02	-0.2300D-03	0.4040D-03
0.6202D-02	0.6158D-01	-0.6136D-02	-0.6372D-02	0.1412D-03
0.4934D-02	-0.6136D-02	0.5734D-01	0.4842D-02	0.3969D-02
-0.2300D-03	-0.6372D-02	0.4842D-02	0.5456D-01	-0.4901D-02
0.4040D-03	0.1412D-03	0.3969D-02	-0.4901D-02	0.5129D-01
0.4723D-04	0.5617D-03	-0.1514D-03	-0.5059D-02	0.3891D-02
0.2425D-04	-0.3911D-04	0.2919D-03	0.9746D-04	0.3263D-02
-0.2222D-05	-0.4675D-04	0.3007D-04	0.4053D-03	-0.1046D-03
0.1736D-05	0.1205D-05	0.1638D-04	-0.2598D-04	0.2181D-03
0.2607D-06	0.3457D-05	-0.1239D-05	-0.3086D-04	0.2009D-04
0.8388D-07	-0.1812D-06	0.1062D-05	0.7153D-06	0.1146D-04
-0.1291D-07	-0.2402D-06	0.1392D-06	0.2096D-05	-0.7287D-06
0.5416D-08	0.5468D-08	0.4917D-07	-0.9511D-07	0.6738D-06

COLUMN = 11				COLUMN = 15
-0.2037D-05	0.6564D-07	0.1649D-06	-0.8897D-08	-0.1246D-07
0.1197D-05	0.2866D-06	-0.7670D-07	0.2453D-07	0.6966D-08
0.1130D-04	-0.6893D-06	-0.9347D-06	0.3006D-07	0.6946D-07
-0.4309D-05	0.3011D-05	0.5269D-06	0.1516D-06	-0.2948D-07
-0.7458D-04	0.2166D-05	0.6020D-05	-0.3397D-06	-0.4557D-06
0.4723D-04	0.2425D-04	-0.2222D-05	0.1736D-05	0.2607D-06
0.5617D-03	-0.3911D-04	-0.4675D-04	0.1205D-05	0.3457D-05
-0.1514D-03	0.2919D-03	0.3007D-04	0.1638D-04	-0.1239D-05
-0.5059D-02	0.9746D-04	0.4053D-03	-0.2598D-04	-0.3086D-04
0.3891D-02	0.3263D-02	-0.1046D-03	0.2181D-03	0.2009D-04
0.4903D-01	-0.4007D-02	-0.4118D-02	0.7004D-04	0.3024D-03
-0.4007D-02	0.4642D-01	0.3197D-02	0.2730D-02	-0.7501D-04
-0.4118D-02	0.3197D-02	0.4454D-01	-0.3338D-02	-0.3419D-02
0.7004D-04	0.2730D-02	-0.3338D-02	0.4241D-01	0.2676D-02
0.3024D-03	-0.7501D-04	-0.3419D-02	0.2676D-02	0.4082D-01
-0.1795D-04	0.1674D-03	0.5199D-04	0.2319D-02	-0.2825D-02
-0.2113D-04	0.1393D-04	0.2308D-03	-0.5479D-04	-0.2873D-02
0.3707D-06	0.8265D-05	-0.1194D-04	0.1304D-03	0.2941D-04

COLUMN = 16		
0.3830D-09	0.8513D-09	-0.3355D-10
0.9450D-09	-0.4142D-09	0.7823D-10
-0.3295D-08	-0.4808D-08	0.1276D-09
0.1115D-07	0.2561D-08	0.4459D-09
0.1317D-07	0.3110D-07	-0.1271D-08
0.8388D-07	-0.1291D-07	0.5416D-08
-0.1812D-06	-0.2402D-06	0.5468D-08
0.1062D-05	0.1392D-06	0.4917D-07
0.7153D-06	0.2096D-05	-0.9511D-07
0.1146D-04	-0.7287D-06	0.6738D-06
-0.1795D-04	-0.2113D-04	0.3707D-06
0.1674D-03	0.1393D-04	0.8265D-05

ตาราง ข.4 (ต่อ)

```
 0.5199D-04  0.2308D-03 -0.1194D-04
 0.2319D-02 -0.5479D-04  0.1304D-03
-0.2825D-02 -0.2873D-02  0.2941D-04
 0.3904D-01  0.2271D-02  0.1991D-02
 0.2271D-02  0.3751D-01 -0.2278D-02
 0.1991D-02 -0.2278D-02  0.3597D-01
    FINISH TIME = 14:14:02
```

ตาราง ข.4 (ต่อ)

```
--------------------------------------------------------------------------------------

                              INVERSE BY DMINV

                                  N =   24

--------------------------------------------------------------------------------------
--------------------------------------------------------------------------------------
           COLUMN =    1                                            COLUMN =    5
--------------------------------------------------------------------------------------
           0.1100D+02  0.1793D+01  0.1793D+01 -0.1532D+01  0.0000D+00
           0.1793D+01  0.1200D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
           0.1793D+01 -0.1532D+01  0.1300D+02 -0.1532D+01  0.1793D+01
          -0.1532D+01  0.1793D+01 -0.1532D+01  0.1400D+02 -0.1532D+01
           0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1500D+02
           0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
--------------------------------------------------------------------------------------
           COLUMN =    6                                            COLUMN =   10
--------------------------------------------------------------------------------------
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
          -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
          -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
           0.1600D+02 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
          -0.1532D+01  0.1700D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
           0.1793D+01 -0.1532D+01  0.1800D+02 -0.1532D+01  0.1793D+01
          -0.1532D+01  0.1793D+01 -0.1532D+01  0.1900D+02 -0.1532D+01
           0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2000D+02
           0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
           0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.4 (ต่อ)

```
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
.....................................................................
     COLUMN =   11                                 COLUMN =   15
.....................................................................
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
    -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
     0.2100D+02 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
    -0.1532D+01  0.2200D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
     0.1793D+01 -0.1532D+01  0.2300D+02 -0.1532D+01  0.1793D+01
    -0.1532D+01  0.1793D+01 -0.1532D+01  0.2400D+02 -0.1532D+01
     0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2500D+02
     0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
     0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
.....................................................................
     COLUMN =   16                                 COLUMN =   20
.....................................................................
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
    -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
     0.2600D+02 -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
    -0.1532D+01  0.2700D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
     0.1793D+01 -0.1532D+01  0.2800D+02 -0.1532D+01  0.1793D+01
    -0.1532D+01  0.1793D+01 -0.1532D+01  0.2900D+02 -0.1532D+01
     0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.3000D+02
     0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
     0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.4 (ต่อ)

```
--------------------------------------------------------------------------------
     COLUMN =   21
--------------------------------------------------------------------------------
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
    -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
     0.1793D+01 -0.1532D+01  0.0000D+00  0.0000D+00
    -0.1532D+01  0.1793D+01 -0.1532D+01  0.0000D+00
     0.3100D+02 -0.1532D+01  0.1793D+01 -0.1532D+01
    -0.1532D+01  0.3200D+02 -0.1532D+01  0.1793D+01
     0.1793D+01 -0.1532D+01  0.3300D+02 -0.1532D+01
    -0.1532D+01  0.1793D+01 -0.1532D+01  0.3400D+02
        START TIME = 14:09:09
                         MATRIX A INVERSE

                         I =   24  J =   24
--------------------------------------------------------------------------------
     COLUMN =    1                                                COLUMN =    5
--------------------------------------------------------------------------------
     0.9793D-01 -0.1819D-01 -0.1466D-01  0.1196D-01  0.7857D-03
    -0.1819D-01  0.9019D-01  0.1107D-01 -0.1210D-01  0.7170D-02
    -0.1466D-01  0.1107D-01  0.8269D-01  0.4455D-02 -0.7918D-02
     0.1196D-01 -0.1210D-01  0.4455D-02  0.7691D-01  0.4766D-02
     0.7857D-03  0.7170D-02 -0.7918D-02  0.4766D-02  0.7058D-01
    -0.2659D-02  0.2962D-02  0.6997D-02 -0.7433D-02  0.4393D-02
     0.8188D-03 -0.1613D-02  0.1745D-02  0.6034D-02 -0.6361D-02
     0.3818D-03  0.2220D-03 -0.1229D-02  0.1563D-02  0.5244D-02
    -0.2659D-03  0.4047D-03  0.3309D-03 -0.1049D-02  0.1300D-02
     0.1322D-04 -0.1179D-03  0.2637D-03  0.2656D-03 -0.8608D-03
     0.5095D-04 -0.2429D-04 -0.1014D-03  0.2187D-03  0.2268D-03
    -0.1671D-04  0.3634D-04 -0.3514D-05 -0.8154D-04  0.1732D-03
    -0.3914D-05 -0.4000D-05  0.2520D-04 -0.3290D-05 -0.6496D-04
     0.4273D-05 -0.4412D-05 -0.4877D-05  0.1981D-04 -0.1496D-05
    -0.5316D-06  0.2288D-05 -0.2228D-05 -0.3746D-05  0.1514D-04
    -0.5456D-06  0.1760D-06  0.1708D-05 -0.1712D-05 -0.2972D-05
     0.2512D-06 -0.3907D-06 -0.4971D-07  0.1288D-05 -0.1209D-05
     0.1679D-07  0.9620D-07 -0.2312D-06 -0.3746D-07  0.9606D-06
    -0.4330D-07  0.3734D-07  0.8295D-07 -0.1701D-06 -0.4028D-07
     0.9959D-08 -0.2395D-07  0.1466D-07  0.6062D-07 -0.1197D-06
     0.3710D-08  0.1622D-08 -0.1551D-07  0.1039D-07  0.4471D-07
    -0.2463D-08  0.3164D-08  0.2527D-08 -0.1102D-07  0.6479D-08
     0.1605D-09 -0.1060D-08  0.1605D-08  0.1791D-08 -0.7623D-08
     0.3043D-09 -0.1416D-09 -0.7596D-09  0.1130D-08  0.1330D-08
```

ตาราง ข.4 (ต่อ)

COLUMN = 6				COLUMN = 10
-0.2659D-02	0.8188D-03	0.3818D-03	-0.2659D-03	0.1322D-04
0.2962D-02	-0.1613D-02	0.2220D-03	0.4047D-03	-0.1179D-03
0.6997D-02	0.1745D-02	-0.1229D-02	0.3309D-03	0.2637D-03
-0.7433D-02	0.6034D-02	0.1563D-02	-0.1049D-02	0.2656D-03
0.4393D-02	-0.6361D-02	0.5244D-02	0.1300D-02	-0.8608D-03
0.6587D-01	0.3903D-02	-0.5630D-02	0.4663D-02	0.1098D-02
0.3903D-02	0.6161D-01	0.3553D-02	-0.5017D-02	0.4158D-02
-0.5630D-02	0.3553D-02	0.5791D-01	0.3230D-02	-0.4499D-02
0.4663D-02	-0.5017D-02	0.3230D-02	0.5463D-01	0.2951D-02
0.1098D-02	0.4158D-02	-0.4499D-02	0.2951D-02	0.5172D-01
-0.7302D-03	0.9390D-03	0.3736D-02	-0.4061D-02	0.2707D-02
0.1985D-03	-0.6232D-03	0.8086D-03	0.3378D-02	-0.3686D-02
0.1405D-03	0.1734D-03	-0.5368D-03	0.7019D-03	0.3069D-02
-0.5354D-04	0.1153D-03	0.1527D-03	-0.4661D-03	0.6134D-03
-0.3448D-06	-0.4434D-04	0.9555D-04	0.1353D-03	-0.4075D-03
0.1191D-04	0.3095D-06	-0.3712D-04	0.7992D-04	0.1204D-03
-0.2440D-05	0.9468D-05	0.7303D-06	-0.3133D-04	0.6740D-04
-0.8769D-06	-0.2002D-05	0.7609D-05	0.9765D-06	-0.2665D-04
0.7389D-06	-0.6455D-06	-0.1659D-05	0.6179D-05	0.1111D-05
-0.4072D-07	0.5734D-06	-0.4796D-06	-0.1384D-05	0.5062D-05
-0.8692D-07	-0.3778D-07	0.4503D-06	-0.3600D-06	-0.1162D-05
0.3400D-07	-0.6376D-07	-0.3438D-07	0.3567D-06	-0.2710D-06
0.4154D-08	0.2584D-07	-0.4740D-07	-0.2982D-07	0.2844D-06
-0.5522D-08	0.2824D-08	0.1997D-07	-0.3637D-07	-0.2525D-07

COLUMN = 11				COLUMN = 15
0.5095D-04	-0.1671D-04	-0.3914D-05	0.4273D-05	-0.5316D-06
-0.2429D-04	0.3634D-04	-0.4000D-05	-0.4412D-05	0.2288D-05
-0.1014D-03	-0.3514D-05	0.2520D-04	-0.4877D-05	-0.2228D-05
0.2187D-03	-0.8154D-04	-0.3290D-05	0.1981D-04	-0.3746D-05
0.2268D-03	0.1732D-03	-0.6496D-04	-0.1496D-05	0.1514D-04
-0.7302D-03	0.1985D-03	0.1405D-03	-0.5354D-04	-0.3448D-06
0.9390D-03	-0.6232D-03	0.1734D-03	0.1153D-03	-0.4434D-04
0.3736D-02	0.8086D-03	-0.5368D-03	0.1527D-03	0.9555D-04
-0.4061D-02	0.3378D-02	0.7019D-03	-0.4661D-03	0.1353D-03
0.2707D-02	-0.3686D-02	0.3069D-02	0.6134D-03	-0.4075D-03
0.4911D-01	0.2491D-02	-0.3361D-02	0.2802D-02	0.5393D-03
0.2491D-02	0.4675D-01	0.2301D-02	-0.3079D-02	0.2569D-02
-0.3361D-02	0.2301D-02	0.4462D-01	0.2131D-02	-0.2831D-02
0.2802D-02	-0.3079D-02	0.2131D-02	0.4267D-01	0.1980D-02
0.5393D-03	0.2569D-02	-0.2831D-02	0.1980D-02	0.4089D-01
-0.3585D-03	0.4768D-03	0.2365D-02	-0.2613D-02	0.1844D-02
0.1077D-03	-0.3171D-03	0.4237D-03	0.2184D-02	-0.2419D-02
0.5726D-04	0.9669D-04	-0.2820D-03	0.3783D-03	0.2024D-02
-0.2282D-04	0.4898D-04	0.8717D-04	-0.2520D-03	0.3392D-03
0.1173D-05	-0.1966D-04	0.4215D-04	0.7887D-04	-0.2261D-03
0.4182D-05	0.1185D-05	-0.1704D-04	0.3649D-04	0.7159D-04
-0.9808D-06	0.3473D-05	0.1174D-05	-0.1482D-04	0.3166D-04
-0.2076D-06	-0.8237D-06	0.2905D-05	0.1106D-05	-0.1287D-04
0.2308D-06	-0.1669D-06	-0.6988D-06	0.2476D-05	0.9760D-06

COLUMN = 16				COLUMN = 20
-0.5456D-06	0.2512D-06	0.1679D-07	-0.4330D-07	0.9959D-08

ตาราง ข.4 (ต่อ)

```
 0.1760D-06 -0.3907D-06  0.9620D-07  0.3734D-07 -0.2395D-07
 0.1708D-05 -0.4971D-07 -0.2312D-06  0.8295D-07  0.1466D-07
-0.1712D-05  0.1288D-05 -0.3746D-07 -0.1701D-06  0.6062D-07
-0.2972D-05 -0.1209D-05  0.9606D-06 -0.4028D-07 -0.1197D-06
 0.1191D-04 -0.2440D-05 -0.8769D-06  0.7389D-06 -0.4072D-07
 0.3095D-06  0.9468D-05 -0.2002D-05 -0.6455D-06  0.5734D-06
-0.3712D-04  0.7303D-06  0.7609D-05 -0.1659D-05 -0.4796D-06
 0.7992D-04 -0.3133D-04  0.9765D-06  0.6179D-05 -0.1384D-05
 0.1204D-03  0.6740D-04 -0.2665D-04  0.1111D-05  0.5062D-05
-0.3585D-03  0.1077D-03  0.5726D-04 -0.2282D-04  0.1173D-05
 0.4768D-03 -0.3171D-03  0.9669D-04  0.4898D-04 -0.1966D-04
 0.2365D-02  0.4237D-03 -0.2820D-03  0.8717D-04  0.4215D-04
-0.2613D-02  0.2184D-02  0.3783D-03 -0.2520D-03  0.7887D-04
 0.1844D-02 -0.2419D-02  0.2024D-02  0.3392D-03 -0.2261D-03
 0.3926D-01  0.1722D-02 -0.2247D-02  0.1881D-02  0.3054D-03
 0.1722D-02  0.3775D-01  0.1611D-02 -0.2092D-02  0.1753D-02
-0.2247D-02  0.1611D-02  0.3635D-01  0.1511D-02 -0.1953D-02
 0.1881D-02 -0.2092D-02  0.1511D-02  0.3506D-01  0.1420D-02
 0.3054D-03  0.1753D-02 -0.1953D-02  0.1420D-02  0.3386D-01
-0.2037D-03  0.2760D-03  0.1637D-02 -0.1828D-02  0.1338D-02
 0.6515D-04 -0.1837D-03  0.2492D-03  0.1531D-02 -0.1709D-02
 0.2774D-04  0.5899D-04 -0.1656D-03  0.2292D-03  0.1430D-02
-0.1136D-04  0.2478D-04  0.5317D-04 -0.1528D-03  0.2148D-03
```

COLUMN = 21

```
 0.3710D-08 -0.2463D-08  0.1605D-09  0.3043D-09
 0.1622D-08  0.3164D-08 -0.1060D-08 -0.1416D-09
-0.1551D-07  0.2527D-08  0.1605D-08 -0.7596D-09
 0.1039D-07 -0.1102D-07  0.1791D-08  0.1130D-08
 0.4471D-07  0.6479D-08 -0.7623D-08  0.1330D-08
-0.8692D-07  0.3400D-07  0.4154D-08 -0.5522D-08
-0.3778D-07 -0.6376D-07  0.2584D-07  0.2824D-08
 0.4503D-06 -0.3438D-07 -0.4740D-07  0.1997D-07
-0.3600D-06  0.3567D-06 -0.2982D-07 -0.3637D-07
-0.1162D-05 -0.2710D-06  0.2844D-06 -0.2525D-07
 0.4182D-05 -0.9808D-06 -0.2076D-06  0.2308D-06
 0.1185D-05  0.3473D-05 -0.8237D-06 -0.1669D-06
-0.1704D-04  0.1174D-05  0.2905D-05 -0.6988D-06
 0.3649D-04 -0.1482D-04  0.1106D-05  0.2476D-05
 0.7159D-04  0.3166D-04 -0.1287D-04  0.9760D-06
-0.2037D-03  0.6515D-04  0.2774D-04 -0.1136D-04
 0.2760D-03 -0.1837D-03  0.5899D-04  0.2478D-04
 0.1637D-02  0.2492D-03 -0.1656D-03  0.5317D-04
-0.1828D-02  0.1531D-02  0.2292D-03 -0.1528D-03
 0.1338D-02 -0.1709D-02  0.1430D-02  0.2148D-03
 0.3273D-01  0.1253D-02 -0.1596D-02  0.1337D-02
 0.1253D-02  0.3163D-01  0.1249D-02 -0.1555D-02
-0.1596D-02  0.1249D-02  0.3057D-01  0.1240D-02
 0.1337D-02 -0.1555D-02  0.1240D-02  0.2961D-01
   FINISH TIME = 14:09:15
```

ตาราง ข.4 (ต่อ)

```
                              INVERSE BY DMINV

                                 N =   30

      COLUMN =    1                                          COLUMN =    5

      0.1100D+02  0.1793D+01  0.1793D+01 -0.1532D+01 -0.1532D+01
      0.1793D+01  0.1200D+02 -0.1532D+01  0.1793D+01  0.1793D+01
      0.1793D+01 -0.1532D+01  0.1300D+02 -0.1532D+01 -0.1532D+01
     -0.1532D+01  0.1793D+01 -0.1532D+01  0.1400D+02  0.1793D+01
     -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1500D+02
      0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
      0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00

      COLUMN =    6                                          COLUMN =   10

      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
     -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
      0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
     -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00
      0.1600D+02  0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01
      0.1793D+01  0.1700D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01
      0.1793D+01 -0.1532D+01  0.1800D+02  0.1793D+01  0.1793D+01
      0.1793D+01 -0.1532D+01  0.1793D+01  0.1900D+02 -0.1532D+01
      0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.2000D+02
      0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
      0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
      0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01
      0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
```

ตาราง ข.4 (ต่อ)

```
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
...............................................................
 COLUMN =  11                                    COLUMN =  15
...............................................................
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00
 0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00
 0.2100D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01
-0.1532D+01  0.2200D+02  0.1793D+01  0.1793D+01  0.1793D+01
-0.1532D+01  0.1793D+01  0.2300D+02 -0.1532D+01 -0.1532D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.2400D+02  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.2500D+02
 0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
...............................................................
 COLUMN =  16                                    COLUMN =  20
...............................................................
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.4 (ต่อ)

```
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  -0.1532D+01  -0.1532D+01   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01   0.1793D+01   0.1793D+01   0.0000D+00   0.0000D+00
  -0.1532D+01  -0.1532D+01  -0.1532D+01  -0.1532D+01   0.0000D+00
   0.2600D+02   0.1793D+01   0.1793D+01   0.1793D+01   0.1793D+01
   0.1793D+01   0.2700D+02  -0.1532D+01  -0.1532D+01  -0.1532D+01
   0.1793D+01  -0.1532D+01   0.2800D+02   0.1793D+01   0.1793D+01
   0.1793D+01  -0.1532D+01   0.1793D+01   0.2900D+02  -0.1532D+01
   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.3000D+02
   0.0000D+00  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00  -0.1532D+01   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
.......................................................................
   COLUMN =   21                                          COLUMN =   25
.......................................................................
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  -0.1532D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
   0.1793D+01   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00
  -0.1532D+01  -0.1532D+01  -0.1532D+01   0.0000D+00   0.0000D+00
   0.1793D+01   0.1793D+01   0.1793D+01   0.1793D+01   0.0000D+00
   0.3100D+02  -0.1532D+01  -0.1532D+01  -0.1532D+01  -0.1532D+01
  -0.1532D+01   0.3200D+02   0.1793D+01   0.1793D+01   0.1793D+01
  -0.1532D+01   0.1793D+01   0.3300D+02  -0.1532D+01  -0.1532D+01
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.3400D+02   0.1793D+01
  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.3500D+02
   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00  -0.1532D+01   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00  -0.1532D+01
   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
.......................................................................
```

ตาราง ข.4 (ต่อ)

```
      COLUMN =   26                                                  COLUMN =   30
......................................................................................
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
       0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
      -0.1532D+01 -0.1532D+01  0.0000D+00  0.0000D+00  0.0000D+00
       0.1793D+01  0.1793D+01  0.1793D+01  0.0000D+00  0.0000D+00
      -0.1532D+01 -0.1532D+01 -0.1532D+01 -0.1532D+01  0.0000D+00
       0.3600D+02  0.1793D+01  0.1793D+01  0.1793D+01  0.1793D+01
       0.1793D+01  0.3700D+02 -0.1532D+01 -0.1532D+01 -0.1532D+01
       0.1793D+01 -0.1532D+01  0.3800D+02  0.1793D+01  0.1793D+01
       0.1793D+01 -0.1532D+01  0.1793D+01  0.3900D+02 -0.1532D+01
       0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.4000D+02
          START TIME = 14:03:07
                             MATRIX A INVERSE

                             I =   30   J =   30
......................................................................................
      COLUMN =    1                                                  COLUMN =    5
......................................................................................
       0.9922D-01 -0.1976D-01 -0.1368D-01  0.1081D-01  0.9738D-02
      -0.1976D-01  0.9233D-01  0.1012D-01 -0.1060D-01 -0.1139D-01
      -0.1368D-01  0.1012D-01  0.8281D-01  0.3675D-02  0.6841D-02
       0.1081D-01 -0.1060D-01  0.3675D-02  0.7861D-01 -0.9088D-02
       0.9738D-02 -0.1139D-01  0.6841D-02 -0.9088D-02  0.7368D-01
       0.8025D-03 -0.9786D-02  0.6164D-02 -0.6232D-02  0.7754D-02
      -0.1581D-02  0.2239D-02  0.7152D-02 -0.8848D-02  0.8487D-02
      -0.5234D-03  0.1159D-02  0.9156D-04 -0.8888D-02  0.6594D-02
       0.6330D-03  0.1353D-03  0.5933D-03  0.8825D-04  0.5310D-02
      -0.1097D-03  0.9838D-03 -0.3545D-04  0.6296D-03 -0.3071D-03
      -0.5281D-05 -0.2996D-04  0.5760D-03  0.9996D-04  0.5011D-03
       0.9222D-04 -0.1587D-03  0.6462D-04  0.7104D-03 -0.1585D-03
       0.4298D-04 -0.6022D-04  0.8052D-04 -0.1047D-03  0.4370D-03
       0.4254D-05 -0.6966D-04  0.3702D-04 -0.9360D-04  0.8595D-04
      -0.4752D-05  0.1195D-04  0.3325D-04 -0.4719D-04  0.6598D-04
      -0.4583D-05  0.1261D-04 -0.7312D-06 -0.5230D-04  0.3329D-04
       0.2221D-05  0.1215D-05  0.4177D-05  0.1617D-05  0.2064D-04
      -0.1618D-06  0.4489D-05 -0.4616D-06  0.6695D-05 -0.3144D-05
       0.1860D-06 -0.4318D-06  0.2098D-05  0.5048D-06  0.2781D-05
```

ตาราง ข.4 (ต่อ)

0.4017D-06	-0.9634D-06	0.3605D-06	0.2912D-05	-0.7329D-06
0.1041D-06	-0.1717D-06	0.3263D-06	-0.4906D-06	0.1419D-05
0.1606D-08	-0.2326D-06	0.1166D-06	-0.5234D-06	0.3991D-06
-0.8961D-08	0.4019D-07	0.8701D-07	-0.1346D-06	0.2191D-06
-0.1737D-07	0.5664D-07	-0.7432D-08	-0.1565D-06	0.8937D-07
0.5078D-08	0.3518D-08	0.1271D-07	0.8986D-08	0.4647D-07
0.5281D-09	0.1090D-07	-0.1527D-08	0.2827D-07	-0.1351D-07
0.7025D-09	-0.1620D-08	0.4647D-08	0.1169D-08	0.7418D-08
0.1022D-08	-0.3076D-08	0.1078D-08	0.6593D-08	-0.1592D-08
0.1544D-09	-0.3017D-09	0.7113D-09	-0.1265D-08	0.2853D-08
-0.3667D-10	-0.4242D-09	0.2253D-09	-0.1566D-08	0.1070D-08

COLUMN = 6 COLUMN = 10

0.8025D-03	-0.1581D-02	-0.5234D-03	0.6330D-03	-0.1097D-03
-0.9786D-02	0.2239D-02	0.1159D-02	0.1353D-03	0.9838D-03
0.6164D-02	0.7152D-02	0.9156D-04	0.5933D-03	-0.3545D-04
-0.6232D-02	-0.8848D-02	-0.8888D-02	0.8825D-04	0.6296D-03
0.7754D-02	0.8487D-02	0.6594D-02	0.5310D-02	-0.3071D-03
0.6843D-01	-0.6930D-02	-0.4862D-02	-0.6430D-02	-0.6827D-02
-0.6930D-02	0.6389D-01	0.6162D-02	0.6671D-02	0.5092D-02
-0.4862D-02	0.6162D-02	0.5998D-01	-0.5328D-02	-0.3981D-02
-0.6430D-02	0.6671D-02	-0.5328D-02	0.5611D-01	0.4743D-02
-0.6827D-02	0.5092D-02	-0.3981D-02	0.4743D-02	0.5316D-01
0.9678D-04	0.4213D-02	-0.5074D-02	0.5182D-02	-0.4335D-02
0.4733D-03	-0.2104D-03	-0.5359D-02	0.4033D-02	-0.3320D-02
0.9651D-04	0.3649D-03	0.8467D-04	0.3417D-02	-0.4120D-02
0.5012D-03	-0.1048D-03	0.3534D-03	-0.1407D-03	-0.4312D-02
-0.6559D-04	0.3115D-03	0.6905D-04	0.2613D-03	0.6353D-04
-0.6142D-04	0.5625D-04	0.3631D-03	-0.7306D-04	0.2694D-03
-0.2904D-04	0.4362D-04	-0.4359D-04	0.2280D-03	0.4947D-04
-0.3382D-04	0.2168D-04	-0.4201D-04	0.3708D-04	0.2708D-03
0.1211D-05	0.1396D-04	-0.1951D-04	0.2937D-04	-0.3053D-04
0.4175D-05	-0.1861D-05	-0.2270D-04	0.1473D-04	-0.2969D-04
0.3955D-06	0.1738D-05	0.8171D-06	0.9737D-05	-0.1367D-04
0.1779D-05	-0.4308D-06	0.2673D-05	-0.1116D-05	-0.1581D-04
-0.2702D-06	0.8734D-06	0.2551D-06	0.1099D-05	0.5403D-06
-0.3009D-06	0.2280D-06	0.1128D-05	-0.2718D-06	0.1771D-05
-0.7321D-07	0.1280D-06	-0.1598D-06	0.5568D-06	0.1664D-06
-0.8952D-07	0.5152D-07	-0.1810D-06	0.1335D-06	0.7428D-06
0.5524D-08	0.2776D-07	-0.4364D-07	0.7710D-07	-0.9976D-07
0.1548D-07	-0.7062D-08	-0.5344D-07	0.3145D-07	-0.1131D-06
0.8847D-09	0.4046D-08	0.3138D-08	0.1717D-07	-0.2763D-07
0.3564D-08	-0.7746D-09	0.8957D-08	-0.3783D-08	-0.3310D-07

COLUMN = 11 COLUMN = 15

-0.5281D-05	0.9222D-04	0.4298D-04	0.4254D-05	-0.4752D-05
-0.2996D-04	-0.1587D-03	-0.6022D-04	-0.6966D-04	0.1195D-04
0.5760D-03	0.6462D-04	0.8052D-04	0.3702D-04	0.3325D-04
0.9996D-04	0.7104D-03	-0.1047D-03	-0.9360D-04	-0.4719D-04
0.5011D-03	-0.1585D-03	0.4370D-03	0.8595D-04	0.6598D-04
0.9678D-04	0.4733D-03	0.9651D-04	0.5012D-03	-0.6559D-04
0.4213D-02	-0.2104D-03	0.3649D-03	-0.1048D-03	0.3115D-03
-0.5074D-02	-0.5359D-02	0.8467D-04	0.3534D-03	0.6905D-04
0.5182D-02	0.4033D-02	0.3417D-02	-0.1407D-03	0.2613D-03
-0.4335D-02	-0.3320D-02	-0.4120D-02	-0.4312D-02	0.6353D-04
0.5013D-01	0.3791D-02	0.4141D-02	0.3291D-02	0.2831D-02

0.3791D-02	0.4780D-01	-0.3594D-02	-0.2809D-02	-0.3414D-02
0.4141D-02	-0.3594D-02	0.4536D-01	0.3106D-02	0.3387D-02
0.3291D-02	-0.2809D-02	0.3106D-02	0.4345D-01	-0.3027D-02
0.2831D-02	-0.3414D-02	0.3387D-02	-0.3027D-02	0.4144D-01
-0.1008D-03	-0.3550D-02	0.2739D-02	-0.2409D-02	0.2594D-02
0.1931D-03	0.4927D-04	0.2387D-02	-0.2877D-02	0.2823D-02
-0.5349D-04	0.2103D-03	-0.7495D-04	-0.2977D-02	0.2317D-02
0.1727D-03	0.3691D-04	0.1470D-03	0.3922D-04	0.2042D-02
0.2568D-04	0.2079D-03	-0.4027D-04	0.1674D-03	-0.5729D-04
0.2055D-04	-0.2203D-04	0.1342D-03	0.2837D-04	0.1146D-03
0.1042D-04	-0.2161D-04	0.1840D-04	0.1633D-03	-0.3105D-04
0.7017D-05	-0.9879D-05	0.1484D-04	-0.1630D-04	0.1065D-03
-0.7142D-06	-0.1138D-04	0.7599D-05	-0.1613D-04	0.1355D-04
0.7232D-06	0.3711D-06	0.5197D-05	-0.7329D-05	0.1100D-04
-0.1802D-06	0.1215D-05	-0.4760D-06	-0.8415D-05	0.5678D-05
0.3701D-06	0.1140D-06	0.4921D-06	0.2643D-06	0.3930D-05
0.8305D-07	0.5056D-06	-0.1213D-06	0.8527D-06	-0.3179D-06
0.4822D-07	-0.6298D-07	0.2531D-06	0.8399D-07	0.3369D-06
0.2038D-07	-0.7515D-07	0.5532D-07	0.3523D-06	-0.7684D-07

COLUMN = 16 COLUMN = 20

-0.4583D-05	0.2221D-05	-0.1618D-06	0.1860D-06	0.4017D-06
0.1261D-04	0.1215D-05	0.4489D-05	-0.4318D-06	-0.9634D-06
-0.7312D-06	0.4177D-05	-0.4616D-06	0.2098D-05	0.3605D-06
-0.5230D-04	0.1617D-05	0.6695D-05	0.5048D-06	0.2912D-05
0.3329D-04	0.2064D-04	-0.3144D-05	0.2781D-05	-0.7329D-06
-0.6142D-04	-0.2904D-04	-0.3382D-04	0.1211D-05	0.4175D-05
0.5625D-04	0.4362D-04	0.2168D-04	0.1396D-04	-0.1861D-05
0.3631D-03	-0.4359D-04	-0.4201D-04	-0.1951D-04	-0.2270D-04
-0.7306D-04	0.2280D-03	0.3708D-04	0.2937D-04	0.1473D-04
0.2694D-03	0.4947D-04	0.2708D-03	-0.3053D-04	-0.2969D-04
-0.1008D-03	0.1931D-03	-0.5349D-04	0.1727D-03	0.2568D-04
-0.3550D-02	0.4927D-04	0.2103D-03	0.3691D-04	0.2079D-03
0.2739D-02	0.2387D-02	-0.7495D-04	0.1470D-03	-0.4027D-04
-0.2409D-02	-0.2877D-02	-0.2977D-02	0.3922D-04	0.1674D-03
0.2594D-02	0.2823D-02	0.2317D-02	0.2042D-02	-0.5729D-04
0.3985D-01	-0.2584D-02	-0.2088D-02	-0.2458D-02	-0.2534D-02
-0.2584D-02	0.3817D-01	0.2202D-02	0.2390D-02	0.1987D-02
-0.2088D-02	0.2202D-02	0.3682D-01	-0.2232D-02	-0.1828D-02
-0.2458D-02	0.2390D-02	-0.2232D-02	0.3539D-01	0.1894D-02
-0.2534D-02	0.1987D-02	-0.1828D-02	0.1894D-02	0.3423D-01
0.3181D-04	0.1767D-02	-0.2126D-02	0.2050D-02	-0.1947D-02
0.1356D-03	-0.4482D-04	-0.2184D-02	0.1724D-02	-0.1614D-02
0.2233D-04	0.9119D-04	0.2621D-04	0.1546D-02	-0.1857D-02
0.1308D-03	-0.2442D-04	0.1114D-03	-0.3575D-04	-0.1903D-02
-0.1233D-04	0.8604D-04	0.1792D-04	0.7377D-04	0.2188D-04
-0.1229D-04	0.1022D-04	0.1065D-03	-0.1955D-04	0.9270D-04
-0.5560D-05	0.8323D-05	-0.9508D-05	0.7047D-04	0.1475D-04
-0.6353D-05	0.4342D-05	-0.9510D-05	0.7962D-05	0.8759D-04
0.1791D-06	0.3029D-05	-0.4321D-05	0.6334D-05	-0.7156D-05
0.6297D-06	-0.2180D-06	-0.4878D-05	0.3461D-05	-0.7791D-05

COLUMN = 21 COLUMN = 25

0.1041D-06	0.1606D-08	-0.8961D-08	-0.1737D-07	0.5078D-08
-0.1717D-06	-0.2326D-06	0.4019D-07	0.5664D-07	0.3518D-08
0.3263D-06	0.1166D-06	0.8701D-07	-0.7432D-08	0.1271D-07

ตาราง ข.4 (ต่อ)

-0.4906D-06	-0.5234D-06	-0.1346D-06	-0.1565D-06	0.8986D-08
0.1419D-05	0.3991D-06	0.2191D-06	0.8937D-07	0.4647D-07
0.3955D-06	0.1779D-05	-0.2702D-06	-0.3009D-06	-0.7321D-07
0.1738D-05	-0.4308D-06	0.8734D-06	0.2280D-06	0.1280D-06
0.8171D-06	0.2673D-05	0.2551D-06	0.1128D-05	-0.1598D-06
0.9737D-05	-0.1116D-05	0.1099D-05	-0.2718D-06	0.5568D-06
-0.1367D-04	-0.1581D-04	0.5403D-06	0.1771D-05	0.1664D-06
0.2055D-04	0.1042D-04	0.7017D-05	-0.7142D-06	0.7232D-06
-0.2203D-04	-0.2161D-04	-0.9879D-05	-0.1138D-04	0.3711D-06
0.1342D-03	0.1840D-04	0.1484D-04	0.7599D-05	0.5197D-05
0.2837D-04	0.1633D-03	-0.1630D-04	-0.1613D-04	-0.7329D-05
0.1146D-03	-0.3105D-04	0.1065D-03	0.1355D-04	0.1100D-04
0.3181D-04	0.1356D-03	0.2233D-04	0.1308D-03	-0.1233D-04
0.1767D-02	-0.4482D-04	0.9119D-04	-0.2442D-04	0.8604D-04
-0.2126D-02	-0.2184D-02	0.2621D-04	0.1114D-03	0.1792D-04
0.2050D-02	0.1724D-02	0.1546D-02	-0.3575D-04	0.7377D-04
-0.1947D-02	-0.1614D-02	-0.1857D-02	-0.1903D-02	0.2188D-04
0.3299D-01	0.1647D-02	0.1778D-02	0.1510D-02	0.1364D-02
0.1647D-02	0.3199D-01	-0.1713D-02	-0.1435D-02	-0.1636D-02
0.1778D-02	-0.1713D-02	0.3091D-01	0.1446D-02	0.1557D-02
0.1510D-02	-0.1435D-02	0.1446D-02	0.3002D-01	-0.1519D-02
0.1364D-02	-0.1636D-02	0.1557D-02	-0.1519D-02	0.2908D-01
-0.2899D-04	-0.1673D-02	0.1334D-02	-0.1285D-02	0.1280D-02
0.6035D-04	0.1868D-04	0.1210D-02	-0.1454D-02	0.1373D-02
-0.1552D-04	0.7742D-04	-0.2136D-04	-0.1480D-02	0.1189D-02
0.5824D-04	0.1267D-04	0.4794D-04	0.1303D-04	0.1082D-02
0.6537D-05	0.7273D-04	-0.1064D-04	0.6875D-04	-0.1662D-04

COLUMN = 26 COLUMN = 30

0.5281D-09	0.7025D-09	0.1022D-08	0.1544D-09	-0.3667D-10
0.1090D-07	-0.1620D-08	-0.3076D-08	-0.3017D-09	-0.4242D-09
-0.1527D-08	0.4647D-08	0.1078D-08	0.7113D-09	0.2253D-09
0.2827D-07	0.1169D-08	0.6593D-08	-0.1265D-08	-0.1566D-08
-0.1351D-07	0.7418D-08	-0.1592D-08	0.2853D-08	0.1070D-08
-0.8952D-07	0.5524D-08	0.1548D-07	0.8847D-09	0.3564D-08
0.5152D-07	0.2776D-07	-0.7062D-08	0.4046D-08	-0.7746D-09
-0.1810D-06	-0.4364D-07	-0.5344D-07	0.3138D-08	0.8957D-08
0.1335D-06	0.7710D-07	0.3145D-07	0.1717D-07	-0.3783D-08
0.7428D-06	-0.9976D-07	-0.1131D-06	-0.2763D-07	-0.3310D-07
-0.1802D-06	0.3701D-06	0.8305D-07	0.4822D-07	0.2038D-07
0.1215D-05	0.1140D-06	0.5056D-06	-0.6298D-07	-0.7515D-07
-0.4760D-06	0.4921D-06	-0.1213D-06	0.2531D-06	0.5532D-07
-0.8415D-05	0.2643D-06	0.8527D-06	0.8399D-07	0.3523D-06
0.5678D-05	0.3930D-05	-0.3179D-06	0.3369D-06	-0.7684D-07
-0.1229D-04	-0.5560D-05	-0.6353D-05	0.1791D-06	0.6297D-06
0.1022D-04	0.8323D-05	0.4342D-05	0.3029D-05	-0.2180D-06
0.1065D-03	-0.9508D-05	-0.9510D-05	-0.4321D-05	-0.4878D-05
-0.1955D-04	0.7047D-04	0.7962D-05	0.6334D-05	0.3461D-05
0.9270D-04	0.1475D-04	0.8759D-04	-0.7156D-05	-0.7791D-05
-0.2899D-04	0.6035D-04	-0.1552D-04	0.5824D-04	0.6537D-05
-0.1673D-02	0.1868D-04	0.7742D-04	0.1267D-04	0.7273D-04
0.1334D-02	0.1210D-02	-0.2136D-04	0.4794D-04	-0.1064D-04
-0.1285D-02	-0.1454D-02	-0.1480D-02	0.1303D-04	0.6875D-04
0.1280D-02	0.1373D-02	0.1189D-02	0.1082D-02	-0.1662D-04
0.2829D-01	-0.1357D-02	-0.1154D-02	-0.1302D-02	-0.1318D-02
-0.1357D-02	0.2741D-01	0.1185D-02	0.1182D-02	0.1103D-02
-0.1154D-02	0.1185D-02	0.2664D-01	-0.1123D-02	-0.1140D-02

ตาราง ข.4 (ต่อ)

```
-0.1302D-02  0.1182D-02 -0.1123D-02  0.2589D-01  0.1145D-02
-0.1318D-02  0.1103D-02 -0.1140D-02  0.1145D-02  0.2520D-01
    FINISH TIME = 14:03:18
```

ตาราง ข.4 (ต่อ)

INVERSE BY DMINV

N = 36

COLUMN = 1				COLUMN = 5
0.1110D+03	0.1793D+01	0.1793D+01	-0.1532D+01	-0.1532D+01
0.1793D+01	0.1120D+03	-0.1532D+01	0.1793D+01	0.1793D+01
0.1793D+01	-0.1532D+01	0.1130D+03	-0.1532D+01	-0.1532D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1140D+03	0.1793D+01
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.1150D+03
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.0000D+00	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.0000D+00	0.0000D+00	0.1793D+01	-0.1532D+01	0.1793D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.1793D+01	-0.1532D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.1793D+01
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00

COLUMN = 6				COLUMN = 10
0.1793D+01	0.0000D+00	0.0000D+00	0.0000D+00	0.0000D+00
-0.1532D+01	0.1793D+01	0.0000D+00	0.0000D+00	0.0000D+00
0.1793D+01	-0.1532D+01	0.1793D+01	0.0000D+00	0.0000D+00
-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01	0.0000D+00
0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01	0.1793D+01
0.1160D+03	0.1793D+01	-0.1532D+01	0.1793D+01	-0.1532D+01
0.1793D+01	0.1170D+03	0.1793D+01	-0.1532D+01	0.1793D+01
-0.1532D+01	0.1793D+01	0.1180D+03	0.1793D+01	-0.1532D+01

ตาราง ข.4 (ต่อ)

```
 0.1793D+01 -0.1532D+01  0.1793D+01  0.1190D+03  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1200D+03
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
..................................................................
 COLUMN =   11                                  COLUMN =   15
..................................................................
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 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.1210D+03  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01  0.1220D+03  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01  0.1230D+03  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01  0.1240D+03  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1250D+03
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
```

ตาราง ข.4 (ต่อ)

```
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
.........................................................................
 COLUMN =   16                                          COLUMN =   20
.........................................................................
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 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
-0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00
 0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00
-0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00
 0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
 0.1260D+03   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
 0.1793D+01   0.1270D+03   0.1793D+01  -0.1532D+01   0.1793D+01
-0.1532D+01   0.1793D+01   0.1280D+03   0.1793D+01  -0.1532D+01
 0.1793D+01  -0.1532D+01   0.1793D+01   0.1290D+03   0.1793D+01
-0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.1300D+03
 0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
 0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
 0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01
 0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
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 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
.........................................................................
 COLUMN =   21                                          COLUMN =   25
.........................................................................
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 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
```

ตาราง ข.4 (ต่อ)

```
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
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 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.1310D+03  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.1793D+01  0.1320D+03  0.1793D+01 -0.1532D+01  0.1793D+01
-0.1532D+01  0.1793D+01  0.1330D+03  0.1793D+01 -0.1532D+01
 0.1793D+01 -0.1532D+01  0.1793D+01  0.1340D+03  0.1793D+01
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.1350D+03
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01 -0.1532D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.1793D+01
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
.........................................................................
 COLUMN =   26                                          COLUMN =   30
.........................................................................
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 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
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 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
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 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00  0.0000D+00
-0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01  0.0000D+00
 0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01  0.1793D+01
 0.1360D+03  0.1793D+01 -0.1532D+01  0.1793D+01 -0.1532D+01
```

ตาราง ข.4 (ต่อ)

```
  0.1793D+01   0.1370D+03   0.1793D+01  -0.1532D+01   0.1793D+01
 -0.1532D+01   0.1793D+01   0.1380D+03   0.1793D+01  -0.1532D+01
  0.1793D+01  -0.1532D+01   0.1793D+01   0.1390D+03   0.1793D+01
 -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.1400D+03
  0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
  0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
  0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01   0.1793D+01
  0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01  -0.1532D+01
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.1793D+01
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
------------------------------------------------------------------
  COLUMN =    31                                    COLUMN =    35
------------------------------------------------------------------
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
  0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00   0.0000D+00
 -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00   0.0000D+00
  0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00   0.0000D+00
 -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.0000D+00
  0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
  0.1410D+03   0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01
  0.1793D+01   0.1420D+03   0.1793D+01  -0.1532D+01   0.1793D+01
 -0.1532D+01   0.1793D+01   0.1430D+03   0.1793D+01  -0.1532D+01
  0.1793D+01  -0.1532D+01   0.1793D+01   0.1440D+03   0.1793D+01
 -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01   0.1450D+03
  0.1793D+01  -0.1532D+01   0.1793D+01  -0.1532D+01   0.1793D+01
------------------------------------------------------------------
  COLUMN =    36
------------------------------------------------------------------
  0.0000D+00
  0.0000D+00
  0.0000D+00
  0.0000D+00
  0.0000D+00
  0.0000D+00
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ตาราง ข.4 (ต่อ)

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 0.0000D+00
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 0.0000D+00
 0.0000D+00
 0.1793D+01
-0.1532D+01
 0.1793D+01
-0.1532D+01
 0.1793D+01
 0.1460D+03
     START TIME = 13:56:34
                    MATRIX A INVERSE

                    I =  36  J =  36
```

COLUMN = 1				COLUMN = 5
0.9019D-02	-0.1521D-03	-0.1397D-03	0.1179D-03	0.1211D-03
-0.1521D-03	0.8941D-02	0.1160D-03	-0.1350D-03	-0.1417D-03
-0.1397D-03	0.1160D-03	0.8862D-02	0.1078D-03	0.1188D-03
0.1179D-03	-0.1350D-03	0.1078D-03	0.8787D-02	-0.1395D-03
0.1211D-03	-0.1417D-03	0.1188D-03	-0.1395D-03	0.8713D-02
-0.1397D-03	0.1214D-03	-0.1377D-03	0.1191D-03	-0.1499D-03
0.2539D-05	-0.1374D-03	0.1187D-03	-0.1388D-03	0.1284D-03
-0.1562D-06	0.2522D-05	-0.1390D-03	0.1207D-03	-0.1439D-03
0.2013D-05	-0.3603D-05	0.5881D-05	-0.1400D-03	0.1228D-03
-0.3703D-05	0.5900D-05	-0.7349D-05	0.9593D-05	-0.1381D-03
0.2192D-05	-0.3752D-05	0.5884D-05	-0.7408D-05	0.9861D-05
-0.1525D-06	0.2244D-05	-0.3802D-05	0.5942D-05	-0.7559D-05
0.1143D-06	-0.2543D-06	0.2348D-05	-0.3870D-05	0.5971D-05
-0.1120D-06	0.2151D-06	-0.3500D-06	0.2393D-05	-0.3851D-05
0.8593D-07	-0.1711D-06	0.2704D-06	-0.4035D-06	0.2352D-05
-0.3750D-07	0.9024D-07	-0.1737D-06	0.2721D-06	-0.4055D-06
0.6824D-08	-0.4145D-07	0.9364D-07	-0.1753D-06	0.2717D-06
-0.4772D-08	0.1039D-07	-0.4463D-07	0.9520D-07	-0.1735D-06
0.3286D-08	-0.7014D-08	0.1243D-07	-0.4562D-07	0.9370D-07
-0.1839D-08	0.4260D-08	-0.7871D-08	0.1315D-07	-0.4467D-07
0.7285D-09	-0.2022D-08	0.4385D-08	-0.7897D-08	0.1301D-07

-0.2276D-09	0.8644D-09	-0.2131D-08	0.4415D-08	-0.7775D-08
0.1403D-09	-0.3178D-09	0.9395D-09	-0.2158D-08	0.4323D-08
-0.8007D-10	0.1860D-09	-0.3568D-09	0.9551D-09	-0.2106D-08
0.3873D-10	-0.9808D-10	0.2003D-09	-0.3649D-09	0.9304D-09
-0.1559D-10	0.4442D-10	-0.1019D-09	0.2002D-09	-0.3567D-09
0.6315D-11	-0.1918D-10	0.4711D-10	-0.1022D-09	0.1950D-09
-0.3510D-11	0.8311D-11	-0.2073D-10	0.4741D-10	-0.9914D-10
0.1793D-11	-0.4419D-11	0.9017D-11	-0.2088D-10	0.4590D-10
-0.8166D-12	0.2157D-11	-0.4676D-11	0.9063D-11	-0.2019D-10
0.3450D-12	-0.9639D-12	0.2251D-11	-0.4650D-11	0.8771D-11
-0.1551D-12	0.4274D-12	-0.1021D-11	0.2243D-11	-0.4485D-11
0.7985D-13	-0.1962D-12	0.4564D-12	-0.1019D-11	0.2158D-11
-0.3825D-13	0.9774D-13	-0.2084D-12	0.4544D-12	-0.9777D-12
0.1707D-13	-0.4567D-13	0.1022D-12	-0.2066D-12	0.4352D-12
-0.7456D-14	0.2032D-13	-0.4741D-13	0.1005D-12	-0.1969D-12

COLUMN = 6				COLUMN = 10
-0.1397D-03	0.2539D-05	-0.1562D-06	0.2013D-05	-0.3703D-05
0.1214D-03	-0.1374D-03	0.2522D-05	-0.3603D-05	0.5900D-05
-0.1377D-03	0.1187D-03	-0.1390D-03	0.5881D-05	-0.7349D-05
0.1191D-03	-0.1388D-03	0.1207D-03	-0.1400D-03	0.9593D-05
-0.1499D-03	0.1284D-03	-0.1439D-03	0.1228D-03	-0.1381D-03
0.8640D-02	-0.1474D-03	0.1264D-03	-0.1416D-03	0.1209D-03
-0.1474D-03	0.8566D-02	-0.1450D-03	0.1243D-03	-0.1393D-03
0.1264D-03	-0.1450D-03	0.8494D-02	-0.1426D-03	0.1222D-03
-0.1416D-03	0.1243D-03	-0.1426D-03	0.8422D-02	-0.1402D-03
0.1209D-03	-0.1393D-03	0.1222D-03	-0.1402D-03	0.8352D-02
-0.1358D-03	0.1188D-03	-0.1369D-03	0.1201D-03	-0.1377D-03
0.9619D-05	-0.1334D-03	0.1167D-03	-0.1345D-03	0.1180D-03
-0.7373D-05	0.9379D-05	-0.1312D-03	0.1147D-03	-0.1322D-03
0.5823D-05	-0.7188D-05	0.9143D-05	-0.1289D-03	0.1127D-03
-0.3754D-05	0.5676D-05	-0.7005D-05	0.8911D-05	-0.1268D-03
0.2291D-05	-0.3657D-05	0.5531D-05	-0.6827D-05	0.8687D-05
-0.3923D-06	0.2231D-05	-0.3563D-05	0.5391D-05	-0.6655D-05
0.2628D-06	-0.3793D-06	0.2173D-05	-0.3472D-05	0.5256D-05
-0.1678D-06	0.2540D-06	-0.3668D-06	0.2116D-05	-0.3384D-05
0.9052D-07	-0.1621D-06	0.2455D-06	-0.3546D-06	0.2062D-05
-0.4309D-07	0.8741D-07	-0.1567D-06	0.2374D-06	-0.3430D-06
0.1248D-07	-0.4156D-07	0.8441D-07	-0.1514D-06	0.2296D-06
-0.7457D-08	0.1197D-07	-0.4009D-07	0.8154D-07	-0.1464D-06
0.4144D-08	-0.7150D-08	0.1149D-07	-0.3867D-07	0.7879D-07
-0.2016D-08	0.3971D-08	-0.6856D-08	0.1102D-07	-0.3732D-07
0.8889D-09	-0.1930D-08	0.3805D-08	-0.6575D-08	0.1057D-07
-0.3396D-09	0.8491D-09	-0.1848D-08	0.3648D-08	-0.6308D-08
0.1855D-09	-0.3231D-09	0.8113D-09	-0.1769D-08	0.3498D-08
-0.9423D-10	0.1764D-09	-0.3075D-09	0.7754D-09	-0.1695D-08
0.4356D-10	-0.8954D-10	0.1678D-09	-0.2928D-09	0.7413D-09
-0.1912D-10	0.4133D-10	-0.8510D-10	0.1597D-09	-0.2788D-09
0.8281D-11	-0.1810D-10	0.3921D-10	-0.8088D-10	0.1519D-09
-0.4230D-11	0.7815D-11	-0.1713D-10	0.3721D-10	-0.7689D-10
0.2031D-11	-0.3986D-11	0.7370D-11	-0.1620D-10	0.3529D-10
-0.9179D-12	0.1910D-11	-0.3753D-11	0.6944D-11	-0.1532D-10
0.4063D-12	-0.8587D-12	0.1790D-11	-0.3522D-11	0.6521D-11

COLUMN = 11				COLUMN = 15
0.2192D-05	-0.1525D-06	0.1143D-06	-0.1120D-06	0.8593D-07

ตาราง ข.4 (ต่อ)

-0.3752D-05	0.2244D-05	-0.2543D-06	0.2151D-06	-0.1711D-06
0.5884D-05	-0.3802D-05	0.2348D-05	-0.3500D-06	0.2704D-06
-0.7408D-05	0.5942D-05	-0.3870D-05	0.2393D-05	-0.4035D-06
0.9861D-05	-0.7559D-05	0.5971D-05	-0.3851D-05	0.2352D-05
-0.1358D-03	0.9619D-05	-0.7373D-05	0.5823D-05	-0.3754D-05
0.1188D-03	-0.1334D-03	0.9379D-05	-0.7188D-05	0.5676D-05
-0.1369D-03	0.1167D-03	-0.1312D-03	0.9143D-05	-0.7005D-05
0.1201D-03	-0.1345D-03	0.1147D-03	-0.1289D-03	0.8911D-05
-0.1377D-03	0.1180D-03	-0.1322D-03	0.1127D-03	-0.1268D-03
0.8282D-02	-0.1353D-03	0.1159D-03	-0.1300D-03	0.1108D-03
-0.1353D-03	0.8214D-02	-0.1330D-03	0.1139D-03	-0.1278D-03
0.1159D-03	-0.1330D-03	0.8147D-02	-0.1307D-03	0.1120D-03
-0.1300D-03	0.1139D-03	-0.1307D-03	0.8081D-02	-0.1285D-03
0.1108D-03	-0.1278D-03	0.1120D-03	-0.1285D-03	0.8016D-02
-0.1247D-03	0.1089D-03	-0.1256D-03	0.1101D-03	-0.1264D-03
0.8469D-05	-0.1226D-03	0.1071D-03	-0.1235D-03	0.1082D-03
-0.6488D-05	0.8259D-05	-0.1206D-03	0.1053D-03	-0.1215D-03
0.5125D-05	-0.6327D-05	0.8056D-05	-0.1186D-03	0.1036D-03
-0.3299D-05	0.4998D-05	-0.6171D-05	0.7859D-05	-0.1167D-03
0.2009D-05	-0.3216D-05	0.4875D-05	-0.6021D-05	0.7668D-05
-0.3318D-06	0.1959D-05	-0.3137D-05	0.4756D-05	-0.5875D-05
0.2221D-06	-0.3210D-06	0.1910D-05	-0.3060D-05	0.4641D-05
-0.1416D-06	0.2149D-06	-0.3107D-06	0.1862D-05	-0.2985D-05
0.7615D-07	-0.1370D-06	0.2079D-06	-0.3009D-06	0.1816D-05
-0.3603D-07	0.7363D-07	-0.1326D-06	0.2013D-06	-0.2914D-06
0.1015D-07	-0.3479D-07	0.7120D-07	-0.1283D-06	0.1949D-06
-0.6054D-08	0.9748D-08	-0.3361D-07	0.6888D-07	-0.1242D-06
0.3356D-08	-0.5812D-08	0.9364D-08	-0.3247D-07	0.6665D-07
-0.1624D-08	0.3220D-08	-0.5582D-08	0.8998D-08	-0.3138D-07
0.7090D-09	-0.1557D-08	0.3091D-08	-0.5362D-08	0.8649D-08
-0.2655D-09	0.6782D-09	-0.1492D-08	0.2967D-08	-0.5151D-08
0.1446D-09	-0.2529D-09	0.6488D-09	-0.1431D-08	0.2849D-08
-0.7308D-10	0.1376D-09	-0.2407D-09	0.6204D-09	-0.1371D-08
0.3346D-10	-0.6941D-10	0.1308D-09	-0.2289D-09	0.5929D-09
-0.1445D-10	0.3164D-10	-0.6572D-10	0.1239D-09	-0.2169D-09

COLUMN = 16				COLUMN = 20
-0.3750D-07	0.6824D-08	-0.4772D-08	0.3286D-08	-0.1839D-08
0.9024D-07	-0.4145D-07	0.1039D-07	-0.7014D-08	0.4260D-08
-0.1737D-06	0.9364D-07	-0.4463D-07	0.1243D-07	-0.7871D-08
0.2721D-06	-0.1753D-06	0.9520D-07	-0.4562D-07	0.1315D-07
-0.4055D-06	0.2717D-06	-0.1735D-06	0.9370D-07	-0.4467D-07
0.2291D-05	-0.3923D-06	0.2628D-06	-0.1678D-06	0.9052D-07
-0.3657D-05	0.2231D-05	-0.3793D-06	0.2540D-06	-0.1621D-06
0.5531D-05	-0.3563D-05	0.2173D-05	-0.3668D-06	0.2455D-06
-0.6827D-05	0.5391D-05	-0.3472D-05	0.2116D-05	-0.3546D-06
0.8687D-05	-0.6655D-05	0.5256D-05	-0.3384D-05	0.2062D-05
-0.1247D-03	0.8469D-05	-0.6488D-05	0.5125D-05	-0.3299D-05
0.1089D-03	-0.1226D-03	0.8259D-05	-0.6327D-05	0.4998D-05
-0.1256D-03	0.1071D-03	-0.1206D-03	0.8056D-05	-0.6171D-05
0.1101D-03	-0.1235D-03	0.1053D-03	-0.1186D-03	0.7859D-05
-0.1264D-03	0.1082D-03	-0.1215D-03	0.1036D-03	-0.1167D-03
0.7952D-02	-0.1243D-03	0.1064D-03	-0:1195D-03	0.1019D-03
-0.1243D-03	0.7889D-02	-0.1222D-03	0.1047D-03	-0.1176D-03
0.1064D-03	-0.1222D-03	0.7827D-02	-0.1202D-03	0.1030D-03
-0.1195D-03	0.1047D-03	-0.1202D-03	0.7766D-02	-0.1183D-03
0.1019D-03	-0.1176D-03	0.1030D-03	-0.1183D-03	0.7707D-02

ตาราง ข.4 (ต่อ)

-0.1148D-03	0.1003D-03	-0.1157D-03	0.1013D-03	-0.1164D-03
0.7484D-05	-0.1130D-03	0.9866D-04	-0.1139D-03	0.9967D-04
-0.5734D-05	0.7306D-05	-0.1112D-03	0.9709D-04	-0.1121D-03
0.4530D-05	-0.5597D-05	0.7133D-05	-0.1095D-03	0.9556D-04
-0.2913D-05	0.4423D-05	-0.5465D-05	0.6966D-05	-0.1078D-03
0.1772D-05	-0.2843D-05	0.4318D-05	-0.5336D-05	0.6803D-05
-0.2822D-06	0.1729D-05	-0.2775D-05	0.4217D-05	-0.5212D-05
0.1888D-06	-0.2735D-06	0.1687D-05	-0.2710D-05	0.4119D-05
-0.1203D-06	0.1829D-06	-0.2650D-06	0.1647D-05	-0.2647D-05
0.6451D-07	-0.1165D-06	0.1773D-06	-0.2569D-06	0.1608D-05
-0.3034D-07	0.6245D-07	-0.1129D-06	0.1718D-06	-0.2491D-06
0.8313D-08	-0.2933D-07	0.6046D-07	-0.1094D-06	0.1665D-06
-0.4950D-08	0.7990D-08	-0.2836D-07	0.5854D-07	-0.1060D-06
0.2735D-08	-0.4753D-08	0.7671D-08	-0.2741D-07	0.5666D-07
-0.1314D-08	0.2622D-08	-0.4558D-08	0.7356D-08	-0.2648D-07
0.5655D-09	-0.1255D-08	0.2506D-08	-0.4355D-08	0.7028D-08

COLUMN = 21 COLUMN = 25

0.7285D-09	-0.2276D-09	0.1403D-09	-0.8007D-10	0.3873D-10
-0.2022D-08	0.8644D-09	-0.3178D-09	0.1860D-09	-0.9808D-10
0.4385D-08	-0.2131D-08	0.9395D-09	-0.3568D-09	0.2003D-09
-0.7897D-08	0.4415D-08	-0.2158D-08	0.9551D-09	-0.3649D-09
0.1301D-07	-0.7775D-08	0.4323D-08	-0.2106D-08	0.9304D-09
-0.4309D-07	0.1248D-07	-0.7457D-08	0.4144D-08	-0.2016D-08
0.8741D-07	-0.4156D-07	0.1197D-07	-0.7150D-08	0.3971D-08
-0.1567D-06	0.8441D-07	-0.4009D-07	0.1149D-07	-0.6856D-08
0.2374D-06	-0.1514D-06	0.8154D-07	-0.3867D-07	0.1102D-07
-0.3430D-06	0.2296D-06	-0.1464D-06	0.7879D-07	-0.3732D-07
0.2009D-05	-0.3318D-06	0.2221D-06	-0.1416D-06	0.7615D-07
-0.3216D-05	0.1959D-05	-0.3210D-06	0.2149D-06	-0.1370D-06
0.4875D-05	-0.3137D-05	0.1910D-05	-0.3107D-06	0.2079D-06
-0.6021D-05	0.4756D-05	-0.3060D-05	0.1862D-05	-0.3009D-06
0.7668D-05	-0.5875D-05	0.4641D-05	-0.2985D-05	0.1816D-05
-0.1148D-03	0.7484D-05	-0.5734D-05	0.4530D-05	-0.2913D-05
0.1003D-03	-0.1130D-03	0.7306D-05	-0.5597D-05	0.4423D-05
-0.1157D-03	0.9866D-04	-0.1112D-03	0.7133D-05	-0.5465D-05
0.1013D-03	-0.1139D-03	0.9709D-04	-0.1095D-03	0.6966D-05
-0.1164D-03	0.9967D-04	-0.1121D-03	0.9556D-04	-0.1078D-03
0.7647D-02	-0.1145D-03	0.9808D-04	-0.1103D-03	0.9406D-04
-0.1145D-03	0.7589D-02	-0.1127D-03	0.9652D-04	-0.1086D-03
0.9808D-04	-0.1127D-03	0.7532D-02	-0.1109D-03	0.9500D-04
-0.1103D-03	0.9652D-04	-0.1109D-03	0.7476D-02	-0.1092D-03
0.9406D-04	-0.1086D-03	0.9500D-04	-0.1092D-03	0.7420D-02
-0.1061D-03	0.9260D-04	-0.1069D-03	0.9352D-04	-0.1075D-03
0.6646D-05	-0.1045D-03	0.9117D-04	-0.1053D-03	0.9208D-04
-0.5092D-05	0.6494D-05	-0.1029D-03	0.8978D-04	-0.1037D-03
0.4025D-05	-0.4975D-05	0.6346D-05	-0.1014D-03	0.8841D-04
-0.2585D-05	0.3933D-05	-0.4862D-05	0.6203D-05	-0.9987D-04
0.1570D-05	-0.2526D-05	0.3843D-05	-0.4752D-05	0.6064D-05
-0.2415D-06	0.1533D-05	-0.2467D-05	0.3756D-05	-0.4644D-05
0.1614D-06	-0.2340D-06	0.1497D-05	-0.2410D-05	0.3670D-05
-0.1027D-06	0.1563D-06	-0.2264D-06	0,1462D-05	-0.2354D-05
0.5483D-07	-0.9933D-07	0.1510D-06	-0.2187D-06	0.1427D-05
-0.2555D-07	0.5284D-07	-0.9571D-07	0.1454D-06	-0.2105D-06

COLUMN = 26 COLUMN = 30

ตาราง ข.4 (ต่อ)

-0.1559D-10	0.6315D-11	-0.3510D-11	0.1793D-11	-0.8166D-12
0.4442D-10	-0.1918D-10	0.8311D-11	-0.4419D-11	0.2157D-11
-0.1019D-09	0.4711D-10	-0.2073D-10	0.9017D-11	-0.4676D-11
0.2002D-09	-0.1022D-09	0.4741D-10	-0.2088D-10	0.9063D-11
-0.3567D-09	0.1950D-09	-0.9914D-10	0.4590D-10	-0.2019D-10
0.8889D-09	-0.3396D-09	0.1855D-09	-0.9423D-10	0.4356D-10
-0.1930D-08	0.8491D-09	-0.3231D-09	0.1764D-09	-0.8954D-10
0.3805D-08	-0.1848D-08	0.8113D-09	-0.3075D-09	0.1678D-09
-0.6575D-08	0.3648D-08	-0.1769D-08	0.7754D-09	-0.2928D-09
0.1057D-07	-0.6308D-08	0.3498D-08	-0.1695D-08	0.7413D-09
-0.3603D-07	0.1015D-07	-0.6054D-08	0.3356D-08	-0.1624D-08
0.7363D-07	-0.3479D-07	0.9748D-08	-0.5812D-08	0.3220D-08
-0.1326D-06	0.7120D-07	-0.3361D-07	0.9364D-08	-0.5582D-08
0.2013D-06	-0.1283D-06	0.6888D-07	-0.3247D-07	0.8998D-08
-0.2914D-06	0.1949D-06	-0.1242D-06	0.6665D-07	-0.3138D-07
0.1772D-05	-0.2822D-06	0.1888D-06	-0.1203D-06	0.6451D-07
-0.2843D-05	0.1729D-05	-0.2735D-06	0.1829D-06	-0.1165D-06
0.4318D-05	-0.2775D-05	0.1687D-05	-0.2650D-06	0.1773D-06
-0.5336D-05	0.4217D-05	-0.2710D-05	0.1647D-05	-0.2569D-06
0.6803D-05	-0.5212D-05	0.4119D-05	-0.2647D-05	0.1608D-05
-0.1061D-03	0.6646D-05	-0.5092D-05	0.4025D-05	-0.2585D-05
0.9260D-04	-0.1045D-03	0.6494D-05	-0.4975D-05	0.3933D-05
-0.1069D-03	0.9117D-04	-0.1029D-03	0.6346D-05	-0.4862D-05
0.9352D-04	-0.1053D-03	0.8978D-04	-0.1014D-03	0.6203D-05
-0.1075D-03	0.9208D-04	-0.1037D-03	0.8841D-04	-0.9987D-04
0.7365D-02	-0.1059D-03	0.9066D-04	-0.1021D-03	0.8708D-04
-0.1059D-03	0.7311D-02	-0.1043D-03	0.8928D-04	-0.1006D-03
0.9066D-04	-0.1043D-03	0.7258D-02	-0.1027D-03	0.8793D-04
-0.1021D-03	0.8928D-04	-0.1027D-03	0.7206D-02	-0.1011D-03
0.8708D-04	-0.1006D-03	0.8793D-04	-0.1011D-03	0.7154D-02
-0.9839D-04	0.8578D-04	-0.9909D-04	0.8661D-04	-0.9964D-04
0.5926D-05	-0.9693D-04	0.8448D-04	-0.9759D-04	0.8526D-04
-0.4538D-05	0.5780D-05	-0.9549D-04	0.8320D-04	-0.9611D-04
0.3586D-05	-0.4420D-05	0.5625D-05	-0.9406D-04	0.8193D-04
-0.2299D-05	0.3492D-05	-0.4299D-05	0.5466D-05	-0.9267D-04
0.1392D-05	-0.2231D-05	0.3388D-05	-0.4163D-05	0.5296D-05

COLUMN = 31				COLUMN = 35
0.3450D-12	-0.1551D-12	0.7985D-13	-0.3825D-13	0.1707D-13
-0.9639D-12	0.4274D-12	-0.1962D-12	0.9774D-13	-0.4567D-13
0.2251D-11	-0.1021D-11	0.4564D-12	-0.2084D-12	0.1022D-12
-0.4650D-11	0.2243D-11	-0.1019D-11	0.4544D-12	-0.2066D-12
0.8771D-11	-0.4485D-11	0.2158D-11	-0.9777D-12	0.4352D-12
-0.1912D-10	0.8281D-11	-0.4230D-11	0.2031D-11	-0.9179D-12
0.4133D-10	-0.1810D-10	0.7815D-11	-0.3986D-11	0.1910D-11
-0.8510D-10	0.3921D-10	-0.1713D-10	0.7370D-11	-0.3753D-11
0.1597D-09	-0.8088D-10	0.3721D-10	-0.1620D-10	0.6944D-11
-0.2788D-09	0.1519D-09	-0.7689D-10	0.3529D-10	-0.1532D-10
0.7090D-09	-0.2655D-09	0.1446D-09	-0.7308D-10	0.3346D-10
-0.1557D-08	0.6782D-09	-0.2529D-09	0.1376D-09	-0.6941D-10
0.3091D-08	-0.1492D-08	0.6488D-09	-0.2407D-09	0.1308D-09
-0.5362D-08	0.2967D-08	-0.1431D-08	0.6204D-09	-0.2289D-09
0.8649D-08	-0.5151D-08	0.2849D-08	-0.1371D-08	0.5929D-09
-0.3034D-07	0.8313D-08	-0.4950D-08	0.2735D-08	-0.1314D-08
0.6245D-07	-0.2933D-07	0.7990D-08	-0.4753D-08	0.2622D-08
-0.1129D-06	0.6046D-07	-0.2836D-07	0.7671D-08	-0.4558D-08
0.1718D-06	-0.1094D-06	0.5854D-07	-0.2741D-07	0.7356D-08

```
-0.2491D-06  0.1665D-06 -0.1060D-06  0.5666D-07 -0.2648D-07
 0.1570D-05 -0.2415D-06  0.1614D-06 -0.1027D-06  0.5483D-07
-0.2526D-05  0.1533D-05 -0.2340D-06  0.1563D-06 -0.9933D-07
 0.3843D-05 -0.2467D-05  0.1497D-05 -0.2264D-06  0.1510D-06
-0.4752D-05  0.3756D-05 -0.2410D-05  0.1462D-05 -0.2187D-06
 0.6064D-05 -0.4644D-05  0.3670D-05 -0.2354D-05  0.1427D-05
-0.9839D-04  0.5926D-05 -0.4538D-05  0.3586D-05 -0.2299D-05
 0.8578D-04 -0.9693D-04  0.5780D-05 -0.4420D-05  0.3492D-05
-0.9909D-04  0.8448D-04 -0.9549D-04  0.5625D-05 -0.4299D-05
 0.8661D-04 -0.9759D-04  0.8320D-04 -0.9406D-04  0.5466D-05
-0.9964D-04  0.8526D-04 -0.9611D-04  0.8193D-04 -0.9267D-04
 0.7103D-02 -0.9810D-04  0.8394D-04 -0.9465D-04  0.8068D-04
-0.9810D-04  0.7052D-02 -0.9564D-04  0.8154D-04 -0.9228D-04
 0.8394D-04 -0.9564D-04  0.7002D-02 -0.9325D-04  0.7950D-04
-0.9465D-04  0.8154D-04 -0.9325D-04  0.6952D-02 -0.9092D-04
 0.8068D-04 -0.9228D-04  0.7950D-04 -0.9092D-04  0.6903D-02
-0.9128D-04  0.7836D-04 -0.8997D-04  0.7722D-04 -0.8866D-04
```

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 COLUMN =  36
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```
-0.7456D-14
 0.2032D-13
-0.4741D-13
 0.1005D-12
-0.1969D-12
 0.4063D-12
-0.8587D-12
 0.1790D-11
-0.3522D-11
 0.6521D-11
-0.1445D-10
 0.3164D-10
-0.6572D-10
 0.1239D-09
-0.2169D-09
 0.5655D-09
-0.1255D-08
 0.2506D-08
-0.4355D-08
 0.7028D-08
-0.2555D-07
 0.5284D-07
-0.9571D-07
 0.1454D-06
-0.2105D-06
 0.1392D-05
-0.2231D-05
 0.3388D-05
-0.4163D-05
 0.5296D-05
-0.9128D-04
 0.7836D-04
-0.8997D-04
 0.7722D-04
-0.8866D-04
 0.6854D-02
   FINISH TIME = 13:56:55
```

ตาราง ข.4 (ต่อ)

INVERSE BYDSINV

N = 18

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 171

11.0000	1.7930	12.0000	1.7930	-1.5320	13.0000
0.0000	-1.5320	1.7930	14.0000	0.0000	0.0000
1.7930	-1.5320	15.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	16.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	17.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	18.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	19.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	21.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	22.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	24.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	25.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	26.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	27.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	28.0000			

START TIME = 19:30:10

IER = 0

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
NA = 171

0.9609D-01	-0.1629D-01	0.8830D-01	-0.1549D-01	0.1161D-01
0.8344D-01	0.3929D-03	0.8197D-02	-0.1061D-01	0.7528D-01
0.1943D-02	-0.6735D-03	-0.1125D-01	0.8247D-02	0.7079D-01
-0.2011D-03	0.8800D-03	0.3538D-03	0.6304D-02	-0.7916D-02
0.6506D-01	-0.2262D-03	0.1450D-03	0.1243D-02	-0.3716D-03
-0.8288D-02	0.6202D-02	0.6158D-01	0.7173D-05	0.6012D-04
-0.1041D-03	0.5835D-03	0.2157D-03	0.4934D-02	-0.6136D-02
0.5734D-01	0.2227D-04	-0.9474D-05	-0.1271D-03	0.7898D-04
0.8124D-03	-0.2300D-03	-0.6372D-02	0.4842D-02	0.5456D-01

ตาราง ข.5 ผลการคำนวณของโปรแกรม DSINV

```
-0.1598D-05  0.5568D-05  0.4234D-05  0.3751D-04 -0.6186D-04
 0.4040D-03  0.1412D-03  0.3969D-02 -0.4901D-02  0.5129D-01
-0.2037D-05  0.1197D-05  0.1130D-04 -0.4309D-05 -0.7458D-04
 0.4723D-04  0.5617D-03 -0.1514D-03 -0.5059D-02  0.3891D-02
 0.4903D-01  0.6564D-07  0.2866D-06 -0.6893D-06  0.3011D-05
 0.2166D-05  0.2425D-04 -0.3911D-04  0.2919D-03  0.9746D-04
 0.3263D-02 -0.4007D-02  0.4642D-01  0.1649D-06 -0.7670D-07
-0.9347D-06  0.5269D-06  0.6020D-05 -0.2222D-05 -0.4675D-04
 0.3007D-04  0.4053D-03 -0.1046D-03 -0.4118D-02  0.3197D-02
 0.4454D-01 -0.8897D-08  0.2453D-07  0.3006D-07  0.1516D-06
-0.3397D-06  0.1736D-05  0.1205D-05  0.1638D-04 -0.2598D-04
 0.2181D-03  0.7004D-04  0.2730D-02 -0.3338D-02  0.4241D-01
-0.1246D-07  0.6966D-08  0.6946D-07 -0.2948D-07 -0.4557D-06
 0.2607D-06  0.3457D-05 -0.1239D-05 -0.3086D-04  0.2009D-04
 0.3024D-03 -0.7501D-04 -0.3419D-02  0.2676D-02  0.4082D-01
 0.3830D-09  0.9450D-09 -0.3295D-08  0.1115D-07  0.1317D-07
 0.8388D-07 -0.1812D-06  0.1062D-05  0.7153D-06  0.1146D-04
-0.1795D-04  0.1674D-03  0.5199D-04  0.2319D-02 -0.2825D-02
 0.3904D-01  0.8513D-09 -0.4142D-09 -0.4808D-08  0.2561D-08
 0.3110D-07 -0.1291D-07 -0.2402D-06  0.1392D-06  0.2096D-05
-0.7287D-06 -0.2113D-04  0.1393D-04  0.2308D-03 -0.5479D-04
-0.2873D-02  0.2271D-02  0.3751D-01 -0.3355D-10  0.7823D-10
 0.1276D-09  0.4459D-09 -0.1271D-08  0.5416D-08  0.5468D-08
 0.4917D-07 -0.9511D-07  0.6738D-06  0.3707D-06  0.8265D-05
-0.1194D-04  0.1304D-03  0.2941D-04  0.1991D-02 -0.2278D-02
 0.3597D-01
    FINISH TIME = 19:30:11
```

ตาราง ข.5 (ต่อ)

INVERSE BY DSINV

N = 24

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 300

11.0000	1.7930	12.0000	1.7930	-1.5320	13.0000
-1.5320	1.7930	-1.5320	14.0000	0.0000	-1.5320
1.7930	-1.5320	15.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	16.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	17.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	18.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	19.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	21.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	22.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	24.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	25.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	26.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	27.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	28.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	29.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	30.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	31.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
32.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	33.0000

ตาราง ข.5 (ต่อ)

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	34.0000

START TIME = 19:27:06

IER = 0

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE

NA = 300

0.9793D-01	-0.1819D-01	0.9019D-01	-0.1466D-01	0.1107D-01
0.8269D-01	0.1196D-01	-0.1210D-01	0.4455D-02	0.7691D-01
0.7857D-03	0.7170D-02	-0.7918D-02	0.4766D-02	0.7058D-01
-0.2659D-02	0.2962D-02	0.6997D-02	-0.7433D-02	0.4393D-02
0.6587D-01	0.8188D-03	-0.1613D-02	0.1745D-02	0.6034D-02
-0.6361D-02	0.3903D-02	0.6161D-01	0.3818D-03	0.2220D-03
-0.1229D-02	0.1563D-02	0.5244D-02	-0.5630D-02	0.3553D-02
0.5791D-01	-0.2659D-03	0.4047D-03	0.3309D-03	-0.1049D-02
0.1300D-02	0.4663D-02	-0.5017D-02	0.3230D-02	0.5463D-01
0.1322D-04	-0.1179D-03	0.2637D-03	0.2656D-03	-0.8608D-03
0.1098D-02	0.4158D-02	-0.4499D-02	0.2951D-02	0.5172D-01
0.5095D-04	-0.2429D-04	-0.1014D-03	0.2187D-03	0.2268D-03
-0.7302D-03	0.9390D-03	0.3736D-02	-0.4061D-02	0.2707D-02
0.4911D-01	-0.1671D-04	0.3634D-04	-0.3514D-05	-0.8154D-04
0.1732D-03	0.1985D-03	-0.6232D-03	0.8086D-03	0.3378D-02
-0.3686D-02	0.2491D-02	0.4675D-01	-0.3914D-05	-0.4000D-05
0.2520D-04	-0.3290D-05	-0.6496D-04	0.1405D-03	0.1734D-03
-0.5368D-03	0.7019D-03	0.3069D-02	-0.3361D-02	0.2301D-02
0.4462D-01	0.4273D-05	-0.4412D-05	-0.4877D-05	0.1981D-04
-0.1496D-05	-0.5354D-04	0.1153D-03	0.1527D-03	-0.4661D-03
0.6134D-03	0.2802D-02	-0.3079D-02	0.2131D-02	0.4267D-01
-0.5316D-06	0.2288D-05	-0.2228D-05	-0.3746D-05	0.1514D-04
-0.3448D-06	-0.4434D-04	0.9555D-04	0.1353D-03	-0.4075D-03
0.5393D-03	0.2569D-02	-0.2831D-02	0.1980D-02	0.4089D-01
-0.5456D-06	0.1760D-06	0.1708D-05	-0.1712D-05	-0.2972D-05
0.1191D-04	0.3095D-06	-0.3712D-04	0.7992D-04	0.1204D-03
-0.3585D-03	0.4768D-03	0.2365D-02	-0.2613D-02	0.1844D-02
0.3926D-01	0.2512D-06	-0.3907D-06	-0.4971D-07	0.1288D-05
-0.1209D-05	-0.2440D-05	0.9468D-05	0.7303D-06	-0.3133D-04
0.6740D-04	0.1077D-03	-0.3171D-03	0.4237D-03	0.2184D-02
-0.2419D-02	0.1722D-02	0.3775D-01	0.1679D-07	0.9620D-07
-0.2312D-06	-0.3746D-07	0.9606D-06	-0.8769D-06	-0.2002D-05
0.7609D-05	0.9765D-06	-0.2665D-04	0.5726D-04	0.9669D-04
-0.2820D-03	0.3783D-03	0.2024D-02	-0.2247D-02	0.1611D-02
0.3635D-01	-0.4330D-07	0.3734D-07	0.8295D-07	-0.1701D-06
-0.4028D-07	0.7389D-06	-0.6455D-06	-0.1659D-05	0.6179D-05
0.1111D-05	-0.2282D-04	0.4898D-04	0.8717D-04	-0.2520D-03
0.3392D-03	0.1881D-02	-0.2092D-02	0.1511D-02	0.3506D-01
0.9959D-08	-0.2395D-07	0.1466D-07	0.6062D-07	-0.1197D-06
-0.4072D-07	0.5734D-06	-0.4796D-06	-0.1384D-05	0.5062D-05
0.1173D-05	-0.1966D-04	0.4215D-04	0.7887D-04	-0.2261D-03
0.3054D-03	0.1753D-02	-0.1953D-02	0.1420D-02	0.3386D-01
0.3710D-08	0.1622D-08	-0.1551D-07	0.1039D-07	0.4471D-07
-0.8692D-07	-0.3778D-07	0.4503D-06	-0.3600D-06	-0.1162D-05
0.4182D-05	0.1185D-05	-0.1704D-04	0.3649D-04	0.7159D-04
-0.2037D-03	0.2760D-03	0.1637D-02	-0.1828D-02	0.1338D-02

ตาราง ข.5 (ต่อ)

```
 0.3273D-01 -0.2463D-08  0.3164D-08  0.2527D-08 -0.1102D-07
 0.6479D-08  0.3400D-07 -0.6376D-07 -0.3438D-07  0.3567D-06
-0.2710D-06 -0.9808D-06  0.3473D-05  0.1174D-05 -0.1482D-04
 0.3166D-04  0.6515D-04 -0.1837D-03  0.2492D-03  0.1531D-02
-0.1709D-02  0.1253D-02  0.3163D-01  0.1605D-09 -0.1060D-08
 0.1605D-08  0.1791D-08 -0.7623D-08  0.4154D-08  0.2584D-07
-0.4740D-07 -0.2982D-07  0.2844D-06 -0.2076D-06 -0.8237D-06
 0.2905D-05  0.1106D-05 -0.1287D-04  0.2774D-04  0.5899D-04
-0.1656D-03  0.2292D-03  0.1430D-02 -0.1596D-02  0.1249D-02
 0.3057D-01  0.3043D-09 -0.1416D-09 -0.7596D-09  0.1130D-08
 0.1330D-08 -0.5522D-08  0.2824D-08  0.1997D-07 -0.3637D-07
-0.2525D-07  0.2308D-06 -0.1669D-06 -0.6988D-06  0.2476D-05
 0.9760D-06 -0.1136D-04  0.2478D-04  0.5317D-04 -0.1528D-03
 0.2148D-03  0.1337D-02 -0.1555D-02  0.1240D-02  0.2961D-01
   FINISH TIME = 19:27:08
```

ตาราง ข.5 (ต่อ)

INVERSE BYDSINV

N = 30

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 465

11.0000	1.7930	12.0000	1.7930	-1.5320	13.0000
-1.5320	1.7930	-1.5320	14.0000	-1.5320	1.7930
-1.5320	1.7930	15.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	16.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	1.7930	17.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	18.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	19.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.7930	-1.5320	1.7930	-1.5320
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	21.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	22.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	1.7930
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	24.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	25.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	1.7930
-1.5320	1.7930	-1.5320	26.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	27.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	28.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	1.7930	29.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	30.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	31.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.7930	-1.5320	1.7930	-1.5320
32.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	33.0000

ตาราง ข.5 (ต่อ)

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	34.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	1.7930
35.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	36.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	37.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	1.7930
-1.5320	1.7930	-1.5320	38.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	39.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	40.0000			

START TIME = 19:23:52

IER = 0

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE

NA = 465

0.9922D-01	-0.1976D-01	0.9233D-01	-0.1368D-01	0.1012D-01
0.8281D-01	0.1081D-01	-0.1060D-01	0.3675D-02	0.7861D-01
0.9738D-02	-0.1139D-01	0.6841D-02	-0.9088D-02	0.7368D-01
0.8025D-03	-0.9786D-02	0.6164D-02	-0.6232D-02	0.7754D-02
0.6843D-01	-0.1581D-02	0.2239D-02	0.7152D-02	-0.8848D-02
0.8487D-02	-0.9930D-02	0.6389D-01	-0.5234D-03	0.1159D-02
0.9156D-04	-0.8888D-02	0.6594D-02	-0.4862D-02	0.6162D-02
0.5998D-01	0.6330D-03	0.1353D-03	0.5933D-03	0.8825D-04
0.5310D-02	-0.6430D-02	0.6671D-02	-0.5328D-02	0.5611D-01
-0.1097D-03	0.9838D-03	-0.3545D-04	0.6296D-03	-0.3071D-03
-0.6827D-02	0.5092D-02	-0.3981D-02	0.4743D-02	0.5316D-01
-0.5281D-05	-0.2996D-04	0.5760D-03	0.9996D-04	0.5011D-03
0.9678D-04	0.4213D-02	-0.5074D-02	0.5182D-02	-0.4335D-02
0.5013D-01	0.9222D-04	-0.1587D-03	0.6462D-04	0.7104D-03
-0.1585D-03	0.4733D-03	-0.2104D-03	-0.5359D-02	0.4033D-02
-0.3320D-02	0.3791D-02	0.4780D-01	0.4298D-04	-0.6022D-04
0.8052D-04	-0.1047D-03	0.4370D-03	0.9651D-04	0.3649D-03
0.8467D-04	0.3417D-02	-0.4120D-02	0.4141D-02	-0.3594D-02

ตาราง ข.5 (ต่อ)

0.4536D-01	0.4254D-05	-0.6966D-04	0.3702D-04	-0.9360D-04
0.8595D-04	0.5012D-03	-0.1048D-03	0.3534D-03	-0.1407D-03
-0.4312D-02	0.3291D-02	-0.2809D-02	0.3106D-02	0.4345D-01
-0.4752D-05	0.1195D-04	0.3325D-04	-0.4719D-04	0.6598D-04
-0.6559D-04	0.3115D-03	0.6905D-04	0.2613D-03	0.6353D-04
0.2831D-02	-0.3414D-02	0.3387D-02	-0.3027D-02	0.4144D-01
-0.4583D-05	0.1261D-04	-0.7312D-06	-0.5230D-04	0.3329D-04
-0.6142D-04	0.5625D-04	0.3631D-03	-0.7306D-04	0.2694D-03
-0.1008D-03	-0.3550D-02	0.2739D-02	-0.2409D-02	0.2594D-02
0.3985D-01	0.2221D-05	0.1215D-05	0.4177D-05	0.1617D-05
0.2064D-04	-0.2904D-04	0.4362D-04	-0.4359D-04	0.2280D-03
0.4947D-04	0.1931D-03	0.4927D-04	0.2387D-02	-0.2877D-02
0.2823D-02	-0.2584D-02	0.3817D-01	-0.1618D-06	0.4489D-05
-0.4616D-06	0.6695D-05	-0.3144D-05	-0.3382D-04	0.2168D-04
-0.4201D-04	0.3708D-04	0.2708D-03	-0.5349D-04	0.2103D-03
-0.7495D-04	-0.2977D-02	0.2317D-02	-0.2088D-02	0.2202D-02
0.3682D-01	0.1860D-06	-0.4318D-06	0.2098D-05	0.5048D-06
0.2781D-05	0.1211D-05	0.1396D-04	-0.1951D-04	0.2937D-04
-0.3053D-04	0.1727D-03	0.3691D-04	0.1470D-03	0.3922D-04
0.2042D-02	-0.2458D-02	0.2390D-02	-0.2232D-02	0.3539D-01
0.4017D-06	-0.9634D-06	0.3605D-06	0.2912D-05	-0.7329D-06
0.4175D-05	-0.1861D-05	-0.2270D-04	0.1473D-04	-0.2969D-04
0.2568D-04	0.2079D-03	-0.4027D-04	0.1674D-03	-0.5729D-04
-0.2534D-02	0.1987D-02	-0.1828D-02	0.1894D-02	0.3423D-01
0.1041D-06	-0.1717D-06	0.3263D-06	-0.4906D-06	0.1419D-05
0.3955D-06	0.1738D-05	0.8171D-06	0.9737D-05	-0.1367D-04
0.2055D-04	-0.2203D-04	0.1342D-03	0.2837D-04	0.1146D-03
0.3181D-04	0.1767D-02	-0.2126D-02	0.2050D-02	-0.1947D-02
0.3299D-01	0.1606D-08	-0.2326D-06	0.1166D-06	-0.5234D-06
0.3991D-06	0.1779D-05	-0.4308D-06	0.2673D-05	-0.1116D-05
-0.1581D-04	0.1042D-04	-0.2161D-04	0.1840D-04	0.1633D-03
-0.3105D-04	0.1356D-03	-0.4482D-04	-0.2184D-02	0.1724D-02
-0.1614D-02	0.1647D-02	0.3199D-01	-0.8961D-08	0.4019D-07
0.8701D-07	-0.1346D-06	0.2191D-06	-0.2702D-06	0.8734D-06
0.2551D-06	0.1099D-05	0.5403D-06	0.7017D-05	-0.9879D-05
0.1484D-04	-0.1630D-04	0.1065D-03	0.2233D-04	0.9119D-04
0.2621D-04	0.1546D-02	-0.1857D-02	0.1778D-02	-0.1713D-02
0.3091D-01	-0.1737D-07	0.5664D-07	-0.7432D-08	-0.1565D-06
0.8937D-07	-0.3009D-06	0.2280D-06	0.1128D-05	-0.2718D-06
0.1771D-05	-0.7142D-06	-0.1138D-04	0.7599D-05	-0.1613D-04
0.1355D-04	0.1308D-03	-0.2442D-04	0.1114D-03	-0.3575D-04
-0.1903D-02	0.1510D-02	-0.1435D-02	0.1446D-02	0.3002D-01
0.5078D-08	0.3518D-08	0.1271D-07	0.8986D-08	0.4647D-07
-0.7321D-07	0.1280D-06	-0.1598D-06	0.5568D-06	0.1664D-06
0.7232D-06	0.3711D-06	0.5197D-05	-0.7329D-05	0.1100D-04
-0.1233D-04	0.8604D-04	0.1792D-04	0.7377D-04	0.2188D-04
0.1364D-02	-0.1636D-02	0.1557D-02	-0.1519D-02	0.2908D-01
0.5281D-09	0.1090D-07	-0.1527D-08	0.2827D-07	-0.1351D-07
-0.8952D-07	0.5152D-07	-0.1810D-06	0.1335D-06	0.7428D-06
-0.1802D-06	0.1215D-05	-0.4760D-06	-0.8415D-05	0.5678D-05
-0.1229D-04	0.1022D-04	0.1065D-03	-0.1955D-04	0.9270D-04
-0.2899D-04	-0.1673D-02	0.1334D-02	-0.1285D-02	0.1280D-02
0.2829D-01	0.7025D-09	-0.1620D-08	0.4647D-08	0.1169D-08
0.7418D-08	0.5524D-08	0.2776D-07	-0.4364D-07	0.7710D-07
-0.9976D-07	0.3701D-06	0.1140D-06	0.4921D-06	0.2643D-06
0.3930D-05	-0.5560D-05	0.8323D-05	-0.9508D-05	0.7047D-04
0.1475D-04	0.6035D-04	0.1868D-04	0.1210D-02	-0.1454D-02
0.1373D-02	-0.1357D-02	0.2741D-01	0.1022D-08	-0.3076D-08

ตาราง ข.5 (ต่อ)

```
 0.1078D-08  0.6593D-08 -0.1592D-08  0.1548D-07 -0.7062D-08
-0.5344D-07  0.3145D-07 -0.1131D-06  0.8305D-07  0.5056D-06
-0.1213D-06  0.8527D-06 -0.3179D-06 -0.6353D-05  0.4342D-05
-0.9510D-05  0.7962D-05  0.8759D-04 -0.1552D-04  0.7742D-04
-0.2136D-04 -0.1480D-02  0.1189D-02 -0.1154D-02  0.1185D-02
 0.2664D-01  0.1544D-09 -0.3017D-09  0.7113D-09 -0.1265D-08
 0.2853D-08  0.8847D-09  0.4046D-08  0.3138D-08  0.1717D-07
-0.2763D-07  0.4822D-07 -0.6298D-07  0.2531D-06  0.8399D-07
 0.3369D-06  0.1791D-06  0.3029D-05 -0.4321D-05  0.6334D-05
-0.7156D-05  0.5824D-04  0.1267D-04  0.4794D-04  0.1303D-04
 0.1082D-02 -0.1302D-02  0.1182D-02 -0.1123D-02  0.2589D-01
-0.3667D-10 -0.4242D-09  0.2253D-09 -0.1566D-08  0.1070D-08
 0.3564D-08 -0.7746D-09  0.8957D-08 -0.3783D-08 -0.3310D-07
 0.2038D-07 -0.7515D-07  0.5532D-07  0.3523D-06 -0.7684D-07
 0.6297D-06 -0.2180D-06 -0.4878D-05  0.3461D-05 -0.7791D-05
 0.6537D-05  0.7273D-04 -0.1064D-04  0.6875D-04 -0.1662D-04
-0.1318D-02  0.1103D-02 -0.1140D-02  0.1145D-02  0.2520D-01
    FINISH TIME = 19:23:57
```

ตาราง ข.5 (ต่อ)

INVERSE BYDSINV

N = 36

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 666

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
-1.5320	1.7930	-1.5320	114.0000	-1.5320	1.7930
-1.5320	1.7930	115.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	116.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	117.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	118.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	119.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	128.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	129.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	130.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	131.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
132.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	133.0000

ตาราง ข.5 (ต่อ)

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	134.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
135.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	136.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	137.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	138.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	139.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	140.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	141.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	142.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	143.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
144.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.5 (ต่อ)

1.7930	-1.5320	1.7930	-1.5320	1.7930	145.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	146.0000

START TIME = 19:15:02

IER = 0

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE

NA = 666

0.9019D-02	-0.1521D-03	0.8941D-02	-0.1397D-03	0.1160D-03
0.8862D-02	0.1179D-03	-0.1350D-03	0.1078D-03	0.8787D-02
0.1211D-03	-0.1417D-03	0.1188D-03	-0.1395D-03	0.8713D-02
-0.1397D-03	0.1214D-03	-0.1377D-03	0.1191D-03	-0.1499D-03
0.8640D-02	0.2539D-05	-0.1374D-03	0.1187D-03	-0.1388D-03
0.1284D-03	-0.1474D-03	0.8566D-02	-0.1562D-06	0.2522D-05
-0.1390D-03	0.1207D-03	-0.1439D-03	0.1264D-03	-0.1450D-03
0.8494D-02	0.2013D-05	-0.3603D-05	0.5881D-05	-0.1400D-03
0.1228D-03	-0.1416D-03	0.1243D-03	-0.1426D-03	0.8422D-02
-0.3703D-05	0.5900D-05	-0.7349D-05	0.9593D-05	-0.1381D-03
0.1209D-03	-0.1393D-03	0.1222D-03	-0.1402D-03	0.8352D-02
0.2192D-05	-0.3752D-05	0.5884D-05	-0.7408D-05	0.9861D-05
-0.1358D-03	0.1188D-03	-0.1369D-03	0.1201D-03	-0.1377D-03
0.8282D-02	-0.1525D-06	0.2244D-05	-0.3802D-05	0.5942D-05
-0.7559D-05	0.9619D-05	-0.1334D-03	0.1167D-03	-0.1345D-03
0.1180D-03	-0.1353D-03	0.8214D-02	0.1143D-06	-0.2543D-06
0.2348D-05	-0.3870D-05	0.5971D-05	-0.7373D-05	0.9379D-05
-0.1312D-03	0.1147D-03	-0.1322D-03	0.1159D-03	-0.1330D-03
0.8147D-02	-0.1120D-06	0.2151D-06	-0.3500D-06	0.2393D-05
-0.3851D-05	0.5823D-05	-0.7188D-05	0.9143D-05	-0.1289D-03
0.1127D-03	-0.1300D-03	0.1139D-03	-0.1307D-03	0.8081D-02
0.8593D-07	-0.1711D-06	0.2704D-06	-0.4035D-06	0.2352D-05
-0.3754D-05	0.5676D-05	-0.7005D-05	0.8911D-05	-0.1268D-03
0.1108D-03	-0.1278D-03	0.1120D-03	-0.1285D-03	0.8016D-02
-0.3750D-07	0.9024D-07	-0.1737D-06	0.2721D-06	-0.4055D-06
0.2291D-05	-0.3657D-05	0.5531D-05	-0.6827D-05	0.8687D-05
-0.1247D-03	0.1089D-03	-0.1256D-03	0.1101D-03	-0.1264D-03
0.7952D-02	0.6824D-08	-0.4145D-07	0.9364D-07	-0.1753D-06
0.2717D-06	-0.3923D-06	0.2231D-05	-0.3563D-05	0.5391D-05
-0.6655D-05	0.8469D-05	-0.1226D-03	0.1071D-03	-0.1235D-03
0.1082D-03	-0.1243D-03	0.7889D-02	-0.4772D-08	0.1039D-07
-0.4463D-07	0.9520D-07	-0.1735D-06	0.2628D-06	-0.3793D-06
0.2173D-05	-0.3472D-05	0.5256D-05	-0.6488D-05	0.8259D-05
-0.1206D-03	0.1053D-03	-0.1215D-03	0.1064D-03	-0.1222D-03
0.7827D-02	0.3286D-08	-0.7014D-08	0.1243D-07	-0.4562D-07
0.9370D-07	-0.1678D-06	0.2540D-06	-0.3668D-06	0.2116D-05
-0.3384D-05	0.5125D-05	-0.6327D-05	0.8056D-05	-0.1186D-03
0.1036D-03	-0.1195D-03	0.1047D-03	-0.1202D-03	0.7766D-02
-0.1839D-08	0.4260D-08	-0.7871D-08	0.1315D-07	-0.4467D-07
0.9052D-07	-0.1621D-06	0.2455D-06	-0.3546D-06	0.2062D-05
-0.3299D-05	0.4998D-05	-0.6171D-05	0.7859D-05	-0.1167D-03
0.1019D-03	-0.1176D-03	0.1030D-03	-0.1183D-03	0.7707D-02
0.7285D-09	-0.2022D-08	0.4385D-08	-0.7897D-08	0.1301D-07

ตาราง ข.5 (ต่อ)

-0.4309D-07	0.8741D-07	-0.1567D-06	0.2374D-06	-0.3430D-06
0.2009D-05	-0.3216D-05	0.4875D-05	-0.6021D-05	0.7668D-05
-0.1148D-03	0.1003D-03	-0.1157D-03	0.1013D-03	-0.1164D-03
0.7647D-02	-0.2276D-09	0.8644D-09	-0.2131D-08	0.4415D-08
-0.7775D-08	0.1248D-07	-0.4156D-07	0.8441D-07	-0.1514D-06
0.2296D-06	-0.3318D-06	0.1959D-05	-0.3137D-05	0.4756D-05
-0.5875D-05	0.7484D-05	-0.1130D-03	0.9866D-04	-0.1139D-03
0.9967D-04	-0.1145D-03	0.7589D-02	0.1403D-09	-0.3178D-09
0.9395D-09	-0.2158D-08	0.4323D-08	-0.7457D-08	0.1197D-07
-0.4009D-07	0.8154D-07	-0.1464D-06	0.2221D-06	-0.3210D-06
0.1910D-05	-0.3060D-05	0.4641D-05	-0.5734D-05	0.7306D-05
-0.1112D-03	0.9709D-04	-0.1121D-03	0.9808D-04	-0.1127D-03
0.7532D-02	-0.8007D-10	0.1860D-09	-0.3568D-09	0.9551D-09
-0.2106D-08	0.4144D-08	-0.7150D-08	0.1149D-07	-0.3867D-07
0.7879D-07	-0.1416D-06	0.2149D-06	-0.3107D-06	0.1862D-05
-0.2985D-05	0.4530D-05	-0.5597D-05	0.7133D-05	-0.1095D-03
0.9556D-04	-0.1103D-03	0.9652D-04	-0.1109D-03	0.7476D-02
0.3873D-10	-0.9808D-10	0.2003D-09	-0.3649D-09	0.9304D-09
-0.2016D-08	0.3971D-08	-0.6856D-08	0.1102D-07	-0.3732D-07
0.7615D-07	-0.1370D-06	0.2079D-06	-0.3009D-06	0.1816D-05
-0.2913D-05	0.4423D-05	-0.5465D-05	0.6966D-05	-0.1078D-03
0.9406D-04	-0.1086D-03	0.9500D-04	-0.1092D-03	0.7420D-02
-0.1559D-10	0.4442D-10	-0.1019D-09	0.2002D-09	-0.3567D-09
0.8889D-09	-0.1930D-08	0.3805D-08	-0.6575D-08	0.1057D-07
-0.3603D-07	0.7363D-07	-0.1326D-06	0.2013D-06	-0.2914D-06
0.1772D-05	-0.2843D-05	0.4318D-05	-0.5336D-05	0.6803D-05
-0.1061D-03	0.9260D-04	-0.1069D-03	0.9352D-04	-0.1075D-03
0.7365D-02	0.6315D-11	-0.1918D-10	0.4711D-10	-0.1022D-09
0.1950D-09	-0.3396D-09	0.8491D-09	-0.1848D-08	0.3648D-08
-0.6308D-08	0.1015D-07	-0.3479D-07	0.7120D-07	-0.1283D-06
0.1949D-06	-0.2822D-06	0.1729D-05	-0.2775D-05	0.4217D-05
-0.5212D-05	0.6646D-05	-0.1045D-03	0.9117D-04	-0.1053D-03
0.9208D-04	-0.1059D-03	0.7311D-02	-0.3510D-11	0.8311D-11
-0.2073D-10	0.4741D-10	-0.9914D-10	0.1855D-09	-0.3231D-09
0.8113D-09	-0.1769D-08	0.3498D-08	-0.6054D-08	0.9748D-08
-0.3361D-07	0.6888D-07	-0.1242D-06	0.1888D-06	-0.2735D-06
0.1687D-05	-0.2710D-05	0.4119D-05	-0.5092D-05	0.6494D-05
-0.1029D-03	0.8978D-04	-0.1037D-03	0.9066D-04	-0.1043D-03
0.7258D-02	0.1793D-11	-0.4419D-11	0.9017D-11	-0.2088D-10
0.4590D-10	-0.9423D-10	0.1764D-09	-0.3075D-09	0.7754D-09
-0.1695D-08	0.3356D-08	-0.5812D-08	0.9364D-08	-0.3247D-07
0.6665D-07	-0.1203D-06	0.1829D-06	-0.2650D-06	0.1647D-05
-0.2647D-05	0.4025D-05	-0.4975D-05	0.6346D-05	-0.1014D-03
0.8841D-04	-0.1021D-03	0.8928D-04	-0.1027D-03	0.7206D-02
-0.8166D-12	0.2157D-11	-0.4676D-11	0.9063D-11	-0.2019D-10
0.4356D-10	-0.8954D-10	0.1678D-09	-0.2928D-09	0.7413D-09
-0.1624D-08	0.3220D-08	-0.5582D-08	0.8998D-08	-0.3138D-07
0.6451D-07	-0.1165D-06	0.1773D-06	-0.2569D-06	0.1608D-05
-0.2585D-05	0.3933D-05	-0.4862D-05	0.6203D-05	-0.9987D-04
0.8708D-04	-0.1006D-03	0.8793D-04	-0.1011D-03	0.7154D-02
0.3450D-12	-0.9639D-12	0.2251D-11	-0.4650D-11	0.8771D-11
-0.1912D-10	0.4133D-10	-0.8510D-10	0.1597D-09	-0.2788D-09
0.7090D-09	-0.1557D-08	0.3091D-08	-0.5362D-08	0.8649D-08
-0.3034D-07	0.6245D-07	-0.1129D-06	0.1718D-06	-0.2491D-06
0.1570D-05	-0.2526D-05	0.3843D-05	-0.4752D-05	0.6064D-05
-0.9839D-04	0.8578D-04	-0.9909D-04	0.8661D-04	-0.9964D-04
0.7103D-02	-0.1551D-12	0.4274D-12	-0.1021D-11	0.2243D-11
-0.4485D-11	0.8281D-11	-0.1810D-10	0.3921D-10	-0.8088D-10

ตาราง ข.5 (ต่อ)

```
 0.1519D-09 -0.2655D-09  0.6782D-09 -0.1492D-08  0.2967D-08
-0.5151D-08  0.8313D-08 -0.2933D-07  0.6046D-07 -0.1094D-06
 0.1665D-06 -0.2415D-06  0.1533D-05 -0.2467D-05  0.3756D-05
-0.4644D-05  0.5926D-05 -0.9693D-04  0.8448D-04 -0.9759D-04
 0.8526D-04 -0.9810D-04  0.7052D-02  0.7985D-13 -0.1962D-12
 0.4564D-12 -0.1019D-11  0.2158D-11 -0.4230D-11  0.7815D-11
-0.1713D-10  0.3721D-10 -0.7689D-10  0.1446D-09 -0.2529D-09
 0.6488D-09 -0.1431D-08  0.2849D-08 -0.4950D-08  0.7990D-08
-0.2836D-07  0.5854D-07 -0.1060D-06  0.1614D-06 -0.2340D-06
 0.1497D-05 -0.2410D-05  0.3670D-05 -0.4538D-05  0.5780D-05
-0.9549D-04  0.8320D-04 -0.9611D-04  0.8394D-04 -0.9564D-04
 0.7002D-02 -0.3825D-13  0.9774D-13 -0.2084D-12  0.4544D-12
-0.9777D-12  0.2031D-11 -0.3986D-11  0.7370D-11 -0.1620D-10
 0.3529D-10 -0.7308D-10  0.1376D-09 -0.2407D-09  0.6204D-09
-0.1371D-08  0.2735D-08 -0.4753D-08  0.7671D-08 -0.2741D-07
 0.5666D-07 -0.1027D-06  0.1563D-06 -0.2264D-06  0.1462D-05
-0.2354D-05  0.3586D-05 -0.4420D-05  0.5625D-05 -0.9406D-04
 0.8193D-04 -0.9465D-04  0.8154D-04 -0.9325D-04  0.6952D-02
 0.1707D-13 -0.4567D-13  0.1022D-12 -0.2066D-12  0.4352D-12
-0.9179D-12  0.1910D-11 -0.3753D-11  0.6944D-11 -0.1532D-10
 0.3346D-10 -0.6941D-10  0.1308D-09 -0.2289D-09  0.5929D-09
-0.1314D-08  0.2622D-08 -0.4558D-08  0.7356D-08 -0.2648D-07
 0.5483D-07 -0.9933D-07  0.1510D-06 -0.2187D-06  0.1427D-05
-0.2299D-05  0.3492D-05 -0.4299D-05  0.5466D-05 -0.9267D-04
 0.8068D-04 -0.9228D-04  0.7950D-04 -0.9092D-04  0.6903D-02
-0.7456D-14  0.2032D-13 -0.4741D-13  0.1005D-12 -0.1969D-12
 0.4063D-12 -0.8587D-12  0.1790D-11 -0.3522D-11  0.6521D-11
-0.1445D-10  0.3164D-10 -0.6572D-10  0.1239D-09 -0.2169D-09
 0.5655D-09 -0.1255D-08  0.2506D-08 -0.4355D-08  0.7028D-08
-0.2555D-07  0.5284D-07 -0.9571D-07  0.1454D-06 -0.2105D-06
 0.1392D-05 -0.2231D-05  0.3388D-05 -0.4163D-05  0.5296D-05
-0.9128D-04  0.7836D-04 -0.8997D-04  0.7722D-04 -0.8866D-04
 0.6854D-02
    FINISH TIME = 19:15:10
```

ตาราง ข.5 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV1)

N = 18 L = 3 K = 0 M = 3

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 171

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
0.0000	-1.5320	1.7930	114.0000	0.0000	0.0000
1.7930	-1.5320	115.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	116.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	117.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	118.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	119.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	128.0000			

START TIME = 22:12:50

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
NA = 171

0.9014D-02	-0.1463D-03	0.8934D-02	-0.1450D-03	0.1216D-03
0.8858D-02	0.3456D-06	0.1182D-03	-0.1396D-03	0.8779D-02
0.2267D-05	-0.3462D-06	-0.1400D-03	0.1174D-03	0.8704D-02
-0.3094D-07	0.1567D-05	0.3489D-06	0.1141D-03	-0.1348D-03
0.8627D-02	-0.3516D-07	0.2551D-07	0.2151D-05	-0.3269D-06
-0.1352D-03	0.1133D-03	0.8555D-02	0.1393D-09	0.1995D-07
-0.2858D-07	0.1487D-05	0.3306D-06	0.1103D-03	-0.1302D-03
0.8481D-02	0.5317D-09	-0.1315D-09	-0.3279D-07	0.2380D-07
0.2042D-05	-0.3094D-06	-0.1306D-03	0.1095D-03	0.8411D-02
-0.6267D-11	0.2568D-09	0.1312D-09	0.1864D-07	-0.2668D-07

ตาราง ข.6 ผลการคำนวณของโปรแกรม KRINV 1

```
 0.1413D-05  0.3136D-06  0.1066D-03 -0.1259D-03  0.8339D-02
-0.7961D-11  0.5154D-11  0.4877D-09 -0.1202D-09 -0.3060D-07
 0.2322D-07  0.1940D-05 -0.2931D-06 -0.1263D-03  0.1059D-03
 0.8271D-02  0.3975D-13  0.3149D-11 -0.5610D-11  0.2359D-09
 0.1203D-09  0.1742D-07 -0.2493D-07  0.1344D-05  0.2977D-06
 0.1032D-03 -0.1218D-03  0.8202D-02  0.1166D-12 -0.3650D-13
-0.7131D-11  0.4650D-11  0.4478D-09 -0.1102D-09 -0.2860D-07
 0.2078D-07  0.1845D-05 -0.2780D-06 -0.1221D-03  0.1025D-03
 0.8137D-02 -0.1215D-14  0.3945D-13  0.3580D-13  0.2847D-11
-0.5068D-11  0.2169D-09  0.1105D-09  0.1631D-07 -0.2333D-07
 0.1279D-05  0.2829D-06  0.9987D-04 -0.1178D-03  0.8070D-02
-0.1688D-14  0.1000D-14  0.1035D-12 -0.3232D-13 -0.6487D-11
 0.4202D-11  0.4117D-09 -0.1011D-09 -0.2676D-07  0.1945D-07
 0.1756D-05 -0.2638D-06 -0.1182D-03  0.9921D-04  0.8006D-02
 0.9527D-17  0.4654D-15 -0.1055D-14  0.3509D-13  0.3180D-13
 0.2578D-11 -0.4586D-11  0.1998D-09  0.1017D-09  0.1528D-07
-0.2185D-07  0.1218D-05  0.2690D-06  0.9672D-04 -0.1141D-03
 0.7942D-02  0.2395D-16 -0.8591D-17 -0.1474D-14  0.8738D-15
 0.9198D-13 -0.2867D-13 -0.5869D-11  0.3804D-11  0.3790D-09
-0.9286D-10 -0.2505D-07  0.1822D-07  0.1672D-05 -0.2503D-06
-0.1144D-03  0.9609D-04  0.7878D-02 -0.2214D-18  0.5691D-17
 0.8016D-17  0.4078D-15 -0.9079D-15  0.3125D-13  0.2732D-13
 0.2338D-11 -0.4093D-11  0.1842D-09  0.8944D-10  0.1433D-07
-0.2020D-07  0.1161D-05  0.2369D-06  0.9371D-04 -0.1092D-03
 0.7815D-02
   FINISH TIME = 22:12:52
```

ตาราง ข.6 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV1)

N = 24 L = 4 K = 0 M = 4

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 300

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
-1.5320	1.7930	-1.5320	114.0000	0.0000	-1.5320
1.7930	-1.5320	115.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	116.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	117.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	118.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	119.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	128.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-1.5320	1.7930	-1.5320	129.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	130.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	131.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	-1.5320	1.7930	-1.5320
132.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.6 (ต่อ)

0.0000	0.0000	-1.5320	1.7930	-1.5320	133.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	134.0000

START TIME = 17:04:02

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
NA = 300

0.9015D-02	-0.1482D-03	0.8936D-02	-0.1435D-03	0.1199D-03
0.8859D-02	0.1217D-03	-0.1395D-03	0.1117D-03	0.8782D-02
0.1811D-05	0.1155D-03	-0.1336D-03	0.1100D-03	0.8706D-02
-0.3734D-05	0.5198D-05	0.1136D-03	-0.1315D-03	0.1082D-03
0.8630D-02	0.1519D-05	-0.3513D-05	0.4936D-05	0.1117D-03
-0.1292D-03	0.1064D-03	0.8557D-02	0.9885D-07	0.1377D-05
-0.3383D-05	0.4815D-05	0.1098D-03	-0.1271D-03	0.1046D-03
0.8484D-02	-0.6952D-07	0.1366D-06	0.1348D-05	-0.3299D-05
0.4694D-05	0.1080D-03	-0.1249D-03	0.1029D-03	0.8412D-02
0.1708D-07	-0.6355D-07	0.1298D-06	0.1315D-05	-0.3217D-05
0.4578D-05	0.1062D-03	-0.1229D-03	0.1012D-03	0.8342D-02
0.2482D-08	0.1466D-07	-0.6103D-07	0.1256D-06	0.1283D-05
-0.3138D-05	0.4465D-05	0.1044D-03	-0.1209D-03	0.9961D-04
0.8273D-02	-0.1092D-08	0.2820D-08	0.1430D-07	-0.5906D-07
0.1215D-06	0.1252D-05	-0.3061D-05	0.4356D-05	0.1027D-03
-0.1189D-03	0.9803D-04	0.8205D-02	0.1638D-09	-0.9695D-09
0.2672D-08	0.1386D-07	-0.5714D-07	0.1175D-06	0.1222D-05
-0.2986D-05	0.4251D-05	0.1011D-03	-0.1170D-03	0.9648D-04
-0.8138D-02	0.4828D-10	0.1292D-09	-0.9271D-09	0.2564D-08
0.1343D-07	-0.5530D-07	0.1137D-06	0.1193D-05	-0.2914D-05
0.4149D-05	0.9945D-04	-0.1151D-03	0.9496D-04	0.8073D-02
-0.1514D-10	0.4989D-10	0.1263D-09	-0.8904D-09	0.2461D-08
0.1302D-07	-0.5353D-07	0.1101D-06	0.1165D-05	-0.2844D-05
0.4050D-05	0.9787D-04	-0.1133D-03	0.9348D-04	0.8008D-02
0.1133D-11	-0.1302D-10	0.4706D-10	0.1219D-09	-0.8552D-09
0.2363D-08	0.1263D-07	-0.5184D-07	0.1066D-06	0.1137D-05
-0.2777D-05	0.3954D-05	0.9632D-04	-0.1115D-03	0.9204D-04
0.7944D-02	0.8077D-12	0.7089D-12	-0.1240D-10	0.4483D-10
0.1176D-09	-0.8217D-09	0.2269D-08	0.1225D-07	-0.5021D-07
0.1032D-06	0.1111D-05	-0.2712D-05	0.3861D-05	0.9481D-04
-0.1098D-03	0.9063D-04	0.7881D-02	-0.1875D-12	0.7864D-12
0.7153D-12	-0.1183D-10	0.4271D-10	0.1136D-09	-0.7898D-09
0.2180D-08	0.1188D-07	-0.4864D-07	0.9997D-07	0.1085D-05
-0.2648D-05	0.3771D-05	0.9333D-04	-0.1081D-03	0.8925D-04
0.7820D-02	0.1672D-15	-0.1554D-12	0.7382D-12	0.6942D-12
-0.1129D-10	0.4070D-10	0.1097D-09	-0.7593D-09	0.2095D-08
0.1153D-07	-0.4714D-07	0.9686D-07	0.1061D-05	-0.2587D-05
0.3684D-05	0.9189D-04	-0.1064D-03	0.8790D-04	0.7759D-02
0.1209D-13	-0.4171D-14	-0.1475D-12	0.6982D-12	0.6739D-12
-0.1077D-10	0.3880D-10	0.1059D-09	-0.7303D-09	0.2014D-08
0.1119D-07	-0.4569D-07	0.9388D-07	0.1037D-05	-0.2527D-05
0.3600D-05	0.9048D-04	-0.1048D-03	0.8658D-04	0.7699D-02
-0.2059D-14	0.1126D-13	-0.3322D-14	-0.1399D-12	0.6604D-12
0.6541D-12	-0.1029D-10	0.3701D-10	0.1023D-09	-0.7025D-09
0.1936D-08	0.1087D-07	-0.4430D-07	0.9101D-07	0.1013D-05
-0.2470D-05	0.3518D-05	0.8910D-04	-0.1032D-03	0.8530D-04
0.7640D-02	-0.1840D-15	-0.1621D-14	0.1052D-13	-0.2916D-14

ตาราง ข.6 (ต่อ)

```
-0.1326D-12  0.6249D-12  0.6347D-12 -0.9822D-11  0.3530D-10
 0.9884D-10 -0.6760D-09  0.1862D-08  0.1055D-07 -0.4295D-07
 0.8823D-07  0.9905D-06 -0.2413D-05  0.3438D-05  0.8775D-04
-0.1016D-03  0.8400D-04  0.7581D-02  0.1646D-15 -0.2168D-15
-0.1536D-14  0.9878D-14 -0.2562D-14 -0.1257D-12  0.5916D-12
 0.6143D-12 -0.9378D-11  0.3370D-10  0.9540D-10 -0.6503D-09
 0.1793D-08  0.1024D-07 -0.4164D-07  0.8570D-07  0.9680D-06
-0.2358D-05  0.3373D-05  0.8640D-04 -0.1001D-03  0.8388D-04
 0.7523D-02 -0.1920D-16  0.1480D-15 -0.1963D-15 -0.1447D-14
 0.9296D-14 -0.2321D-14 -0.1193D-12  0.5616D-12  0.5900D-12
-0.8969D-11  0.3227D-10  0.9187D-10 -0.6271D-09  0.1732D-08
 0.9927D-08 -0.4051D-07  0.8358D-07  0.9458D-06 -0.2315D-05
 0.3323D-05  0.8508D-04 -0.9953D-04  0.8374D-04  0.7466D-02
   FINISH TIME = 17:04:04
```

ตาราง ข.6 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV1)

N = 30 L = 5 K = 0 M = 5

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 465

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
-1.5320	1.7930	-1.5320	114.0000	-1.5320	1.7930
-1.5320	1.7930	115.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	116.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	1.7930	117.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	118.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	119.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.7930	-1.5320	1.7930	-1.5320
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	-1.5320	1.7930	-1.5320	1.7930
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	-1.5320	1.7930	-1.5320	1.7930	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	1.7930
-1.5320	1.7930	-1.5320	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	128.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	-1.5320
1.7930	-1.5320	1.7930	129.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	130.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	-1.5320	1.7930
-1.5320	1.7930	131.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	1.7930	-1.5320	1.7930	-1.5320
132.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.6 (ต่อ)

```
   0.0000   -1.5320    1.7930   -1.5320    1.7930  133.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    1.7930   -1.5320    1.7930   -1.5320  134.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000   -1.5320    1.7930   -1.5320    1.7930
 135.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    1.7930   -1.5320
   1.7930   -1.5320  136.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000   -1.5320    1.7930   -1.5320    1.7930  137.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    1.7930
  -1.5320    1.7930   -1.5320  138.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000   -1.5320    1.7930
  -1.5320    1.7930  139.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    0.0000    0.0000
   0.0000    0.0000    0.0000    0.0000    1.7930   -1.5320
   1.7930   -1.5320  140.0000
     START TIME = 22:16:41

 VECTOR STORE LOWER TRIANGULATION OF MATRIX A   INVERSE
                      NA =    465

 0.9017D-02 -0.1501D-03  0.8939D-02 -0.1419D-03  0.1180D-03
 0.8860D-02  0.1198D-03 -0.1368D-03  0.1099D-03  0.8786D-02
 0.1187D-03 -0.1394D-03  0.1156D-03 -0.1371D-03  0.8709D-02
 0.1769D-06 -0.1365D-03  0.1132D-03 -0.1299D-03  0.1155D-03
 0.8636D-02 -0.2127D-05  0.3970D-05  0.1141D-03 -0.1347D-03
 0.1188D-03 -0.1324D-03  0.8560D-02 -0.3327D-06  0.2359D-05
-0.4467D-06 -0.1351D-03  0.1133D-03 -0.1255D-03  0.1117D-03
 0.8489D-02  0.1503D-05  0.3025D-06  0.1275D-05  0.5508D-06
 0.1102D-03 -0.1301D-03  0.1148D-03 -0.1279D-03  0.8416D-02
-0.6229D-08  0.2060D-05 -0.2355D-06  0.2215D-05 -0.5305D-06
-0.1306D-03  0.1095D-03 -0.1214D-03  0.1080D-03  0.8347D-02
-0.2347D-08 -0.1286D-07  0.1473D-05  0.2939D-06  0.1245D-05
 0.5251D-06  0.1066D-03 -0.1258D-03  0.1110D-03 -0.1237D-03
 0.8276D-02  0.2356D-07 -0.6053D-07  0.4342D-07  0.1966D-05
-0.2790D-06  0.2107D-05 -0.5039D-06 -0.1262D-03  0.1058D-03
-0.1175D-03  0.1044D-03  0.8210D-02  0.1844D-07 -0.2589D-07
 0.3751D-07 -0.5179D-07  0.1402D-05  0.2808D-06  0.1184D-05
 0.5006D-06  0.1031D-03 -0.1216D-03  0.1073D-03 -0.1197D-03
 0.8141D-02 -0.5141D-10 -0.2943D-07  0.2118D-07 -0.5672D-07
```

ตาราง ข.6 (ต่อ)

0.4335D-07	0.1870D-05	-0.2647D-06	0.2005D-05	-0.4788D-06
-0.1221D-03	0.1024D-03	-0.1138D-03	0.1011D-03	0.8077D-02
-0.1386D-09	0.8336D-09	0.1759D-07	-0.2475D-07	0.3627D-07
-0.4842D-07	0.1333D-05	0.2670D-06	0.1125D-05	0.4770D-06
0.9980D-04	-0.1177D-03	0.1038D-03	-0.1159D-03	0.8011D-02
-0.1154D-09	0.9685D-09	-0.2567D-09	-0.2813D-07	0.2060D-07
-0.5308D-07	0.4057D-07	0.1779D-05	-0.2514D-06	0.1910D-05
-0.4554D-06	-0.1182D-03	0.9913D-04	-0.1103D-03	0.9786D-04
0.7948D-02	0.2233D-09	0.1042D-09	0.3711D-09	0.2908D-09
0.1645D-07	-0.2315D-07	0.3394D-07	-0.4533D-07	0.1269D-05
0.2542D-06	0.1071D-05	0.4549D-06	0.9665D-04	-0.1140D-03
0.1004D-03	-0.1122D-03	0.7884D-02	0.3219D-11	0.4104D-09
-0.8156D-10	0.8896D-09	-0.2715D-09	-0.2633D-07	0.1929D-07
-0.4972D-07	0.3799D-07	0.1694D-05	-0.2389D-06	0.1821D-05
-0.4334D-06	-0.1144D-03	0.9601D-04	-0.1069D-03	0.9480D-04
0.7824D-02	0.2644D-11	-0.8355D-11	0.2183D-09	0.9220D-10
0.3450D-09	0.2685D-09	0.1540D-07	-0.2168D-07	0.3179D-07
-0.4248D-07	0.1209D-05	0.2421D-06	0.1020D-05	0.4341D-06
0.9365D-04	-0.1105D-03	0.9726D-04	-0.1088D-03	0.7762D-02
0.4175D-11	-0.1776D-10	0.1142D-10	0.3807D-09	-0.8564D-10
0.8199D-09	-0.2499D-09	-0.2466D-07	0.1807D-07	-0.4663D-07
0.3561D-07	0.1614D-05	-0.2272D-06	0.1737D-05	-0.4129D-06
-0.1108D-03	0.9304D-04	-0.1037D-03	0.9188D-04	0.7703D-02
0.2541D-11	-0.4312D-11	0.7922D-11	-0.1320D-10	0.2015D-09
0.8528D-10	0.3180D-09	0.2479D-09	0.1445D-07	-0.2033D-07
0.2980D-07	-0.3986D-07	0.1152D-05	0.2308D-06	0.9722D-06
0.4145D-06	0.9078D-04	-0.1071D-03	0.9423D-04	-0.1055D-03
0.7643D-02	-0.4038D-13	-0.5488D-11	0.3546D-11	-0.1622D-10
0.1102D-10	0.3510D-09	-0.7888D-10	0.7565D-09	-0.2303D-09
-0.2312D-07	0.1695D-07	-0.4377D-07	0.3342D-07	0.1540D-05
-0.2163D-06	0.1658D-05	-0.3936D-06	-0.1074D-03	0.9020D-04
-0.1006D-03	0.8910D-04	0.7586D-02	0.4039D-14	0.1716D-12
0.2404D-11	-0.4059D-11	0.7365D-11	-0.1198D-10	0.1858D-09
0.7876D-10	0.2933D-09	0.2291D-09	0.1356D-07	-0.1908D-07
0.2797D-07	-0.3743D-07	0.1099D-05	0.2201D-06	0.9273D-06
0.3961D-06	0.8805D-04	-0.1038D-03	0.9134D-04	-0.1023D-03
0.7528D-02	-0.2667D-13	0.2626D-12	-0.8334D-13	-0.5080D-11
0.3358D-11	-0.1472D-10	0.1000D-10	0.3240D-09	-0.7276D-10
0.6989D-09	-0.2126D-09	-0.2171D-07	0.1592D-07	-0.4113D-07
0.3139D-07	0.1469D-05	-0.2061D-06	0.1584D-05	-0.3755D-06
-0.1042D-03	0.8749D-04	-0.9764D-04	0.8644D-04	0.7473D-02
0.2920D-13	0.2313D-13	0.7136D-13	0.9058D-13	0.2179D-11
-0.3684D-11	0.6689D-11	-0.1088D-10	0.1715D-09	0.7283D-10
0.2709D-09	0.2120D-09	0.1274D-07	-0.1793D-07	0.2627D-07
-0.3519D-07	0.1050D-05	0.2102D-06	0.8852D-06	0.3788D-06
0.8544D-04	-0.1007D-03	0.8858D-04	-0.9927D-04	0.7416D-02
0.1243D-14	0.7118D-13	-0.1821D-13	0.2351D-12	-0.8302D-13
-0.4615D-11	0.3051D-11	-0.1338D-10	0.9093D-11	0.2994D-09
-0.6719D-10	0.6464D-09	-0.1964D-09	-0.2039D-07	0.1496D-07
-0.3869D-07	0.2952D-07	0.1404D-05	-0.1965D-06	0.1515D-05
-0.3585D-06	-0.1011D-03	0.8491D-04	-0.9482D-04	0.8389D-04
0.7362D-02	0.7219D-15	-0.2253D-14	0.2905D-13	0.1969D-13
0.6399D-13	0.8117D-13	0.1981D-11	-0.3350D-11	0.6082D-11
-0.9902D-11	0.1585D-09	0.6746D-10	0.2505D-09	0.1964D-09
0.1198D-07	-0.1686D-07	0.2470D-07	-0.3311D-07	0.1003D-05
0.2009D-06	0.8453D-06	0.3628D-06	0.8293D-04	-0.9778D-04
0.8594D-04	-0.9638D-04	0.7306D-02	0.6653D-15	-0.4084D-14
0.2410D-14	0.6426D-13	-0.1801D-13	0.2103D-12	-0.7390D-13

ตาราง ข.6 (ต่อ)

```
-0.4197D-11  0.2776D-11 -0.1218D-10  0.8297D-11  0.2770D-09
-0.6204D-10  0.5984D-09 -0.1799D-09 -0.1918D-07  0.1408D-07
-0.3641D-07  0.2792D-07  0.1341D-05 -0.1871D-06  0.1448D-05
-0.3304D-06 -0.9807D-04  0.8244D-04 -0.9209D-04  0.8246D-04
 0.7253D-02  0.3117D-15 -0.6452D-15  0.1316D-14 -0.2686D-14
 0.2605D-13  0.1775D-13  0.5699D-13  0.7203D-13  0.1803D-11
-0.3054D-11  0.5521D-11 -0.8955D-11  0.1466D-09  0.6273D-10
 0.2303D-09  0.1789D-09  0.1128D-07 -0.1588D-07  0.2313D-07
-0.3083D-07  0.9583D-06  0.1928D-06  0.7975D-06  0.3317D-06
 0.8053D-04 -0.9497D-04  0.8255D-04 -0.9157D-04  0.7199D-02
-0.1313D-16 -0.8911D-15  0.5346D-15 -0.3648D-14  0.2279D-14
 0.5750D-13 -0.1582D-13  0.1893D-12 -0.6572D-13 -0.3821D-11
 0.2549D-11 -0.1119D-10  0.7655D-11  0.2564D-09 -0.5567D-10
 0.5585D-09 -0.1646D-09 -0.1804D-07  0.1339D-07 -0.3471D-07
 0.2672D-07  0.1282D-05 -0.1670D-06  0.1404D-05 -0.3086D-06
-0.9521D-04  0.8104D-04 -0.9181D-04  0.8207D-04  0.7147D-02
    FINISH TIME = 22:16:44
```

ตาราง ข.6 (ต่อ)

INVERSE BY RECURSIVE PARTITIONING (KRINV1)

N = 36 L = 6 K = 0 M = 6

VECTOR STORE LOWER TRIANGULAR OF MATRIX A
NA = 666

111.0000	1.7930	112.0000	1.7930	-1.5320	113.0000
-1.5320	1.7930	-1.5320	114.0000	-1.5320	1.7930
-1.5320	1.7930	115.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	116.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	117.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	118.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	119.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
120.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	121.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	122.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
123.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	124.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	125.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	126.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	127.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	128.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	129.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	130.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	131.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
132.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

1.7930	-1.5320	1.7930	-1.5320	1.7930	133.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	134.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
135.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	136.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	137.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	138.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	139.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	140.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	1.7930	-1.5320
1.7930	-1.5320	1.7930	141.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	142.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	1.7930	-1.5320	1.7930
-1.5320	1.7930	143.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	1.7930	-1.5320	1.7930	-1.5320	1.7930
144.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ตาราง ข.6 (ต่อ)

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	145.0000
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0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.7930	-1.5320	1.7930	-1.5320	1.7930	146.0000

START TIME = 17:00:09

VECTOR STORE LOWER TRIANGULATION OF MATRIX A INVERSE
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0.8862D-02	0.1179D-03	-0.1350D-03	0.1078D-03	0.8787D-02
0.1211D-03	-0.1417D-03	0.1188D-03	-0.1395D-03	0.8713D-02
-0.1397D-03	0.1214D-03	-0.1377D-03	0.1191D-03	-0.1499D-03
0.8640D-02	0.2539D-05	-0.1374D-03	0.1187D-03	-0.1388D-03
0.1284D-03	-0.1474D-03	0.8566D-02	-0.1562D-06	0.2522D-05
-0.1390D-03	0.1207D-03	-0.1439D-03	0.1264D-03	-0.1450D-03
0.8494D-02	0.2013D-05	-0.3603D-05	0.5881D-05	-0.1400D-03
0.1228D-03	-0.1416D-03	0.1243D-03	-0.1426D-03	0.8422D-02
-0.3703D-05	0.5900D-05	-0.7349D-05	0.9593D-05	-0.1381D-03
0.1209D-03	-0.1393D-03	0.1222D-03	-0.1402D-03	0.8352D-02
0.2192D-05	-0.3752D-05	0.5884D-05	-0.7408D-05	0.9861D-05
-0.1358D-03	0.1188D-03	-0.1369D-03	0.1201D-03	-0.1377D-03
0.8282D-02	-0.1525D-06	0.2244D-05	-0.3802D-05	0.5942D-05
-0.7559D-05	0.9619D-05	-0.1334D-03	0.1167D-03	-0.1345D-03
0.1180D-03	-0.1353D-03	0.8214D-02	0.1143D-06	-0.2543D-06
0.2348D-05	-0.3870D-05	0.5971D-05	-0.7373D-05	0.9379D-05
-0.1312D-03	0.1147D-03	-0.1322D-03	0.1159D-03	-0.1330D-03
0.8147D-02	-0.1120D-06	0.2151D-06	-0.3500D-06	0.2393D-05
-0.3851D-05	0.5823D-05	-0.7188D-05	0.9143D-05	-0.1289D-03
0.1127D-03	-0.1300D-03	0.1139D-03	-0.1307D-03	0.8081D-02
0.8593D-07	-0.1711D-06	0.2704D-06	-0.4035D-06	0.2352D-05
-0.3754D-05	0.5676D-05	-0.7005D-05	0.8911D-05	-0.1268D-03
0.1108D-03	-0.1278D-03	0.1120D-03	-0.1285D-03	0.8016D-02
-0.3750D-07	0.9024D-07	-0.1737D-06	0.2721D-06	-0.4055D-06
0.2291D-05	-0.3657D-05	0.5531D-05	-0.6827D-05	0.8687D-05
-0.1247D-03	0.1089D-03	-0.1256D-03	0.1101D-03	-0.1264D-03
0.7952D-02	0.6824D-08	-0.4145D-07	0.9364D-07	-0.1753D-06
0.2717D-06	-0.3923D-06	0.2231D-05	-0.3563D-05	0.5391D-05
-0.6655D-05	0.8469D-05	-0.1226D-03	0.1071D-03	-0.1235D-03
0.1082D-03	-0.1243D-03	0.7889D-02	-0.4772D-08	0.1039D-07
-0.4463D-07	0.9520D-07	-0.1735D-06	0.2628D-06	-0.3793D-06
0.2173D-05	-0.3472D-05	0.5256D-05	-0.6488D-05	0.8259D-05
-0.1206D-03	0.1053D-03	-0.1215D-03	0.1064D-03	-0.1222D-03
0.7827D-02	0.3286D-08	-0.7014D-08	0.1243D-07	-0.4562D-07
0.9370D-07	-0.1678D-06	0.2540D-06	-0.3668D-06	0.2116D-05
-0.3384D-05	0.5125D-05	-0.6327D-05	0.8056D-05	-0.1186D-03
0.1036D-03	-0.1195D-03	0.1047D-03	-0.1202D-03	0.7766D-02
-0.1839D-08	0.4260D-08	-0.7871D-08	0.1315D-07	-0.4467D-07
0.9052D-07	-0.1621D-06	0.2455D-06	-0.3546D-06	0.2062D-05
-0.3299D-05	0.4998D-05	-0.6171D-05	0.7859D-05	-0.1167D-03
0.1019D-03	-0.1176D-03	0.1030D-03	-0.1183D-03	0.7707D-02
0.7285D-09	-0.2022D-08	0.4385D-08	-0.7897D-08	0.1301D-07
-0.4309D-07	0.8741D-07	-0.1567D-06	0.2374D-06	-0.3430D-06

ตาราง ข.6 (ต่อ)

0.2009D-05	-0.3216D-05	0.4875D-05	-0.6021D-05	0.7668D-05
-0.1148D-03	0.1003D-03	-0.1157D-03	0.1013D-03	-0.1164D-03
0.7647D-02	-0.2276D-09	0.8644D-09	-0.2131D-08	0.4415D-08
-0.7775D-08	0.1248D-07	-0.4156D-07	0.8441D-07	-0.1514D-06
0.2296D-06	-0.3318D-06	0.1959D-05	-0.3137D-05	0.4756D-05
-0.5875D-05	0.7484D-05	-0.1130D-03	0.9866D-04	-0.1139D-03
0.9967D-04	-0.1145D-03	0.7589D-02	0.1403D-09	-0.3178D-09
0.9395D-09	-0.2158D-08	0.4323D-08	-0.7457D-08	0.1197D-07
-0.4009D-07	0.8154D-07	-0.1464D-06	0.2221D-06	-0.3210D-06
0.1910D-05	-0.3060D-05	0.4641D-05	-0.5734D-05	0.7306D-05
-0.1112D-03	0.9709D-04	-0.1121D-03	0.9808D-04	-0.1127D-03
0.7532D-02	-0.8007D-10	0.1860D-09	-0.3568D-09	0.9551D-09
-0.2106D-08	0.4144D-08	-0.7150D-08	0.1149D-07	-0.3867D-07
0.7879D-07	-0.1416D-06	0.2149D-06	-0.3107D-06	0.1862D-05
-0.2985D-05	0.4530D-05	-0.5597D-05	0.7133D-05	-0.1095D-03
0.9556D-04	-0.1103D-03	0.9652D-04	-0.1109D-03	0.7476D-02
0.3873D-10	-0.9808D-10	0.2003D-09	-0.3649D-09	0.9304D-09
-0.2016D-08	0.3971D-08	-0.6856D-08	0.1102D-07	-0.3732D-07
0.7615D-07	-0.1370D-06	0.2079D-06	-0.3009D-06	0.1816D-05
-0.2913D-05	0.4423D-05	-0.5465D-05	0.6966D-05	-0.1078D-03
0.9406D-04	-0.1086D-03	0.9500D-04	-0.1092D-03	0.7420D-02
-0.1559D-10	0.4442D-10	-0.1019D-09	0.2002D-09	-0.3567D-09
0.8889D-09	-0.1930D-08	0.3805D-08	-0.6575D-08	0.1057D-07
-0.3603D-07	0.7363D-07	-0.1326D-06	0.2013D-06	-0.2914D-06
0.1772D-05	-0.2843D-05	0.4318D-05	-0.5336D-05	0.6803D-05
-0.1061D-03	0.9260D-04	-0.1069D-03	0.9352D-04	-0.1075D-03
0.7365D-02	0.6315D-11	-0.1918D-10	0.4711D-10	-0.1022D-09
0.1950D-09	-0.3396D-09	0.8491D-09	-0.1848D-08	0.3648D-08
-0.6308D-08	0.1015D-07	-0.3479D-07	0.7120D-07	-0.1283D-06
0.1949D-06	-0.2822D-06	0.1729D-05	-0.2775D-05	0.4217D-05
-0.5212D-05	0.6646D-05	-0.1045D-03	0.9117D-04	-0.1053D-03
0.9208D-04	-0.1059D-03	0.7811D-02	-0.3510D-11	0.8311D-11
-0.2073D-10	0.4741D-10	-0.9914D-10	0.1855D-09	-0.3231D-09
0.8113D-09	-0.1769D-08	0.3498D-08	-0.6054D-08	0.9748D-08
-0.3361D-07	0.6888D-07	-0.1242D-06	0.1888D-06	-0.2735D-06
0.1687D-05	-0.2710D-05	0.4119D-05	-0.5092D-05	0.6494D-05
-0.1029D-03	0.8978D-04	-0.1037D-03	0.9066D-04	-0.1043D-03
0.7258D-02	0.1793D-11	-0.4419D-11	0.9017D-11	-0.2088D-10
0.4590D-10	-0.9423D-10	0.1764D-09	-0.3075D-09	0.7754D-09
-0.1695D-08	0.3356D-08	-0.5812D-08	0.9364D-08	-0.3247D-07
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-0.2647D-05	0.4025D-05	-0.4975D-05	0.6346D-05	-0.1014D-03
0.8841D-04	-0.1021D-03	0.8928D-04	-0.1027D-03	0.7206D-02
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-0.1624D-08	0.3220D-08	-0.5582D-08	0.8998D-08	-0.3138D-07
0.6451D-07	-0.1165D-06	0.1773D-06	-0.2569D-06	0.1608D-05
-0.2585D-05	0.3933D-05	-0.4862D-05	0.6203D-05	-0.9987D-04
0.8708D-04	-0.1006D-03	0.8793D-04	-0.1011D-03	0.7154D-02
0.3450D-12	-0.9639D-12	0.2251D-11	-0.4650D-11	0.8771D-11
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0.7090D-09	-0.1557D-08	0.3091D-08	-0.5362D-08	0.8649D-08
-0.3034D-07	0.6245D-07	-0.1129D-06	0.1713D-06	-0.2491D-06
0.1570D-05	-0.2526D-05	0.3843D-05	-0.4752D-05	0.6064D-05
-0.9839D-04	0.8578D-04	-0.9909D-04	0.8661D-04	-0.9964D-04
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-0.4485D-11	0.8281D-11	-0.1810D-10	0.3921D-10	-0.8088D-10
0.1519D-09	-0.2655D-09	0.6782D-09	-0.1492D-08	0.2967D-08

ตาราง ข.6 (ต่อ)

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 0.8526D-04 -0.9810D-04  0.7052D-02  0.7985D-13 -0.1962D-12
 0.4564D-12 -0.1019D-11  0.2158D-11 -0.4230D-11  0.7815D-11
-0.1713D-10  0.3721D-10 -0.7689D-10  0.1446D-09 -0.2529D-09
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-0.2836D-07  0.5854D-07 -0.1060D-06  0.1614D-06 -0.2340D-06
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-0.9549D-04  0.8320D-04 -0.9611D-04  0.8394D-04 -0.9564D-04
 0.7002D-02 -0.3825D-13  0.9774D-13 -0.2084D-12  0.4544D-12
-0.9777D-12  0.2031D-11 -0.3986D-11  0.7370D-11 -0.1620D-10
 0.3529D-10 -0.7308D-10  0.1376D-09 -0.2407D-09  0.6204D-09
-0.1371D-08  0.2735D-08 -0.4753D-08  0.7671D-08 -0.2741D-07
 0.5666D-07 -0.1027D-06  0.1563D-06 -0.2264D-06  0.1462D-05
-0.2354D-05  0.3586D-05 -0.4420D-05  0.5625D-05 -0.9406D-04
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-0.9179D-12  0.1910D-11 -0.3753D-11  0.6944D-11 -0.1532D-10
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-0.1445D-10  0.3164D-10 -0.6572D-10  0.1239D-09 -0.2169D-09
 0.5655D-09 -0.1255D-08  0.2506D-08 -0.4355D-08  0.7028D-08
-0.2555D-07  0.5284D-07 -0.9571D-07  0.1454D-06 -0.2105D-06
 0.1392D-05 -0.2231D-05  0.3388D-05 -0.4163D-05  0.5296D-05
-0.9128D-04  0.7836D-04 -0.8997D-04  0.7722D-04 -0.8866D-04
 0.6854D-02
    FINISH TIME = 17:00:15
```

ตาราง ข.6 (ต่อ)

ประวัติผู้เขียน

นายไพฑูรย์ คุ้มวงศ์ดี เกิดวันที่ 13 ตุลาคม 2496 ที่อำเภอแกลง จ.ระยอง สำเร็จการศึกษาวิศวกรรมศาสตรบัณฑิต (โยธา) จากสถาบันเทคโนโลยีพระจอมเกล้า ปีการศึกษา 2519 และบริหารธุรกิจบัณฑิต จากมหาวิทยาลัยสุโขทัยธรรมาธิราช ปีการศึกษา 2526 รับราชการตำแหน่งนายช่างสำรวจ กรมป่าไม้ปี 2520 - 2521 และกรมทางหลวงตั้งแต่ 2521 ถึงปัจจุบัน ในตำแหน่งวิศวกรโยธา

เข้าศึกษาต่อระดับปริญญาโทในบัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย เมื่อปีการศึกษา 2523