

REFERENCES

1. Schawlow, A.L., and Townes, C.H. "Infrared and Optical Masers"
Phys. Rev., 112(1958) : 1940
2. Maiman, T.H. "Optical Maser Action in Ruby" Brit. Commun. and
Electr., 7(1960) : 674
3. Javan, A. "Transition a Plusiers Quanta et Amplification Maser
dons les Systemes a deux Niveaux" J. Phys. Radium,
19(1958) : 806
4. Javan, A., Bennett, Jr, W.R., and Herriott, D.R. "Population
Inversion and Continuous Optical Maser Oscillation in a Gas
Discharge Containing a He-Ne Mixture" Phys. Rev. Lett.,
6(1961) : 106
5. Harry, J.E. Industrial Lasers and their Applications. New York :
McGraw-Hill, (1974) : 2
6. Lengyel, B.A. Introduction to Laser Physics. New York : John Wiley
and Sons, Inc., (1966) : 38
7. Hopkins, H.H. A Summer School for non-specialist in Optics.
London : Imperial College Applied Optics Section, (1967) : 27
8. Stroke, G.W. An Introduction to Coherent Optics and Holography.
New York : Academic Press, (1969) : 57

9. Rogers, G.L. Handbook of Gas Laser Experiments. London : ILIFFE Book Ltd, (1970) : 22
10. Klein, M.V. Optics. New York : John Wiley and Sons, Inc., (1970) : 273
11. Schawlow, A.L. "Optical Masers" Sci. Am., June (1961) : 52
12. Lengyel, B.A. Introduction to Laser Physics. New York : John Wiley and Sons, Inc., (1966) : 169
13. Sona, A. Lasers and Their Applications. New York : Gordon and Bresch, (1976) : 183
14. Lengyel, B.A. Introduction to Laser Physics. New York : John Wiley and Sons, Inc., (1966) : 171
16. Sona, A. Lasers and Their Applications. New York : Gordon and Bresch, (1976) : 183
17. Leonard, D.A. "Saturation of the Molecular Nitrogen Second Positive Laser Transition" Appl. Phys. Lett., 7(1968) : 4
18. Wilson, J. Appl. Phys. Lett., 8(1966) : 159
19. Shipman, Jr., J.D. Appl. Phys. Lett., 10(1967) : 3
20. Geller, M., Altman, D.E. and Temple, T.A. Appl. Opt., 7(1968) : 2332
21. Small, J.G. and Ashari, R. Rev. Sci. Instrum., 43(1972) : 1205

22. Schenck, P. and Metcalf, H. Appl. Opt., 12(1973) : 183
23. Cubeddu, R. and Curry, S.M. IEEE J. Quantum Electron,
QE - 9 (1973) : 499
24. Godard, B. J. Quantum Electron, QE - 10 (1974) : 147
25. Targ, R. IEEE J. Quantum Electron, QE - 8 (1972) : 726
26. Woodward, B.W., Ehlers, V.J. and Lineberger, W.C. Rev. Sci.
Instrum., 44 (1973) : 852
27. Tarasenko, T.F., Kurbatov, Y.A. and Bychkov, Y.I. Sov. J.
Quantum Electron, 2 (1972) : 155
28. Lawson, J., Coon, R. and Bergmann, E.E. Bull. Am. Phys. Soc.,
18 (1973) : 65
29. Dreyfus, R.W. and Hodgson, R.J. "Electron Beam Excitation of
the Nitrogen Laser" Appl. Phys. Lett., 20 (1972) : 195
30. Hasson, V., Preussler, D., Klimek, J. and von Bergmann, H.M.
"Transverse Double Discharge High-pressure Glow Excitation of
UV Lasing Action in Molecular Nitrogen" Appl. Phys. Lett.,
25 (1974) : 654
31. Hasson, V., von Bergmann, H.M. and Preussler, D. "Effective Glow
Discharge Excitation of Nitrogen Lasers at Gas Pressures
ranging from 0 to 5 bar". Appl. Phys. Lett., 28 (1976) : 17

32. von Gutfeld, R.J. "Picosecond Dye Laser Pulses using Nitrogen Laser Pumping". Appl. Phys. Lett., 18(1971) : 481
33. Small, J.G. and Ashari, R. Rev. Sci. Instrum., 43 (1972) : 1206
34. Small, J.G. Sci. Am., 230 (1974) : 122.

VITA

Name Mr. Viratana Rukhavibulya

Degree B.Sc. in Physics, 1972
Chulalongkorn University
Bangkok, Thailand.