## CONCLUSION

It is shown that the relation between the derivative of a function (polynomial) and the tangent line to the curve may be found by another method.

The theory may be extended to be valid even for the infinite polynomials which represent most general transcendental functions.

## BIBLIOGRAPHY

- Apostol, Tom M., <u>Mathematical Analysis</u>, (London: Addison - Wesley Publishing Company, Inc., 1960), pp. 61 - 91.
- Britton, Jack R., <u>Calculus</u>,
  (New York: Rinehart Company, Inc., 1956),
  pp. 26-33.
- (3) Buck, R. Creighton, <u>Advanced Calculus</u>,
  (New York: McGrew Hill Book Company, Inc., 1956),
  pp. 1 27.
- (4) Kaplan, Wilfred., <u>Advanced Calculus</u>,
  (London: Addison Wealey Publishing Company, Inc., 1952),
  pp. 120 122.
- Lohmann, Charles H., <u>Analytic Geometry</u>,
  (New York: John Wiley & Sons, Inc., 1942), pp. 105 108.
- (6) Loney, S.L., <u>The Elements of Coordinate Geometry</u>,
  (London: MacMillan and Co., Limited., 1955), pp. 125 126.
- Mendelson, Bert., <u>Introduction to Topology</u>,
  (Boston: Allyne: and Bacon, Inc., 1962), pp. 15 19.
- (6) Thomas, George B., <u>Calculus and Analytic Geometry</u>,
  (London: Addison Wesley Publishing Company, Inc., 1950),
  pp. 1 27.
- (9) Wilson, W.A. and Tracey J.I., <u>Analytic Geometry</u>,
  (Boston: D.C. Heath and Company, 1925), pp. 210 215.
- (10) Zehna, Peter W. and Johnson, Robert L., <u>Elements of Set Theory</u>,
  (Boston: Allyn and Bacon, Inc., 1962), pp. 76 85.