



تناول بالبحث أحد الموضوعات الآتية:

- 1) Discuss the solution of the first order differential equations by:
 - i) Separation of variables.
 - II) Equation reducible to separable.

- 2) Discuss the first order differential equations by:
 - I) Exact equation
 - II) Non exact equation
 - III) Equation reducible to exact equations

- 3) Discuss the linearity and nonlinearity first order differential equations.

- 4) Discuss the solution of homogeneous second order differential equations.

- 5) Discuss the linear differential equations with constant coefficients.