تناول بالبحث أحد الموضوعات الأتيه:

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.

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