

Readings for Classes from 1st April to 14th April for paper (M.Sc.) IV.1: Understanding Mathematical language of Ordinary Differential Equations and Complex Analysis

Theory Part:

In this duration, students are asked to prepare following topics from ‘Differential equations and boundary value problems’ by C.H. Edwards and D.E. Penny;

Planar non-linear system applied to ecological models, wildlife conservation preserve, mechanical systems, epidemic models, determination of stability and classification of equilibrium of a planar nonlinear system by linearisation.

Assignment and reading material/link to video lectures will be mailed to all the students. We will have a zoom/skype class on 08th & 09th April at 3:00 p.m. for queries and doubts.

Project Discussion: Since all the groups are already working on their projects, any discussion or query can be mailed to me at anytime.

(Dr. Sonam Tanwar)