NPTEL Video Course - Civil Engineering - NOC:Environmental Modeling and Simulation

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Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

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Lecture 2 - Introduction - Part II
Lecture 3 - 1D Models - Part I
Lecture 4 - 1D Models - Part II
Lecture 5 - Logistic Growth Models - Part I
Lecture 6 - Logistic Growth Models - Part II
Lecture 7 - 1D Models: Auto Catalysis
Lecture 8 - Semi Quantitative Approach to Solve 1D Models
Lecture 9 - Using MATLAB for 1D systems
Lecture 10 - Using R for 1D Systems
Lecture 11 - Bifurcations - I
Lecture 12 - Bifurcations - II
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Lecture 16 - Insect Outbreak Model
Lecture 17 - 2D Systems - I
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