NPTEL Video Course - Computer Science and Engineering - Graph Theory

Subject Co-ordinator - Dr. L. Sunil Chandran

Co-ordinating Institute - IISc - Bangalore

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

Lecture 30 - Chvatalâ s theorem, toughness, Hamiltonicity and 4-color conjecture
Lecture 31 - Network flows
Lecture 32 - More on network flows
Lecture 33 - Circulations and tensions
Lecture 34 - More on circulations and tensions, flow number and Tutteâ s flow conjectures
Lecture 35 - Random graphs and probabilistic method
Lecture 36 - Probabilistic method
Lecture 37 - Probabilistic method
Lecture 38 - Probabilistic method
Lecture 39 - Graph minors and Hadwigerâ s conjecture
Lecture 40 - More on graph minors, tree decompositions