

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Computer Science and Engineering - Discrete Mathematical Structures

Subject Co-ordinator - Prof. Kamala Krithivasan

Co-ordinating Institute - IIT - Madras

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

- Lecture 1 - Propositional Logic
- Lecture 2 - Propositional Logic (Continued)
- Lecture 3 - Predicates & Quantifiers
- Lecture 4 - Predicates & Quantifiers (Continued)
- Lecture 5 - Logical Inference
- Lecture 6 - Resolution Principles & Application to PROLOG
- Lecture 7 - Methods of Proof
- Lecture 8 - Normal Forms
- Lecture 9 - Proving Programs Correct (Continued)
- Lecture 10 - Sets
- Lecture 11 - Induction
- Lecture 12 - Set Operations On Strings
- Lecture 13 - Relations
- Lecture 14 - Graphs
- Lecture 15 - Graphs (Continued)
- Lecture 16 - Trees
- Lecture 17 - Trees And Graphs
- Lecture 18 - Special Properties Of Relations
- Lecture 19 - Closure Of Relations
- Lecture 20 - Closure Properties Of Relations
- Lecture 21 - Order Relations
- Lecture 22 - Order Relations And Equivalence Relations
- Lecture 23 - Equivalence Relations And Partitions
- Lecture 24 - Functions
- Lecture 25 - Functions (Continued)
- Lecture 26 - Functions (Continued)
- Lecture 27 - Pigeonhole Principle
- Lecture 28 - Permutations And Combinations
- Lecture 29 - Permutations And Combinations (Continued)

Get Digi-MAT (Digital Media Access Terminal) For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

www.digimat.in

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

- Lecture 30 - Generating Functions
- Lecture 31 - Generating Functions (Continued)
- Lecture 32 - Recurrence Relations
- Lecture 33 - Recurrence Relations (Continued)
- Lecture 34 - Recurrence Relations (Continued)
- Lecture 35 - Algebras
- Lecture 36 - Algebras (Continued)
- Lecture 37 - Algebras (Continued)
- Lecture 38 - Finite State Automaton
- Lecture 39 - Finite State Automaton (Continued)
- Lecture 40 - Lattices