NPTEL Video Course - Mathematics - Mathematical Logic

Subject Co-ordinator - Prof. Arindama Singh

Co-ordinating Institute - IIT - Madras

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

Lecture 30 - Quantifier Laws and Consequences
Lecture 31 - More Proofs and Prenex Form
Lecture 32 - Prenex Form Conversion
Lecture 33 - Skolem Form
Lecture 34 - Syntatic Interpretation
Lecture 35 - Herbrand's Theorem
Lecture 36 - Most General Unifiers
Lecture 37 - Resolution Rules
Lecture 38 - Resolution Examples
Lecture 39 - Ariomatic System FC
Lecture 40 - FC and Semidecidability of FL
Lecture 41 - Analytic Tableau for FL
Lecture 42 - Godels Incompleteness Theorems