Video Lectures On Artificial Intelligence

Lecture 16
Population Based Methods for Optimization

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Department of Computer Science IIT Madras

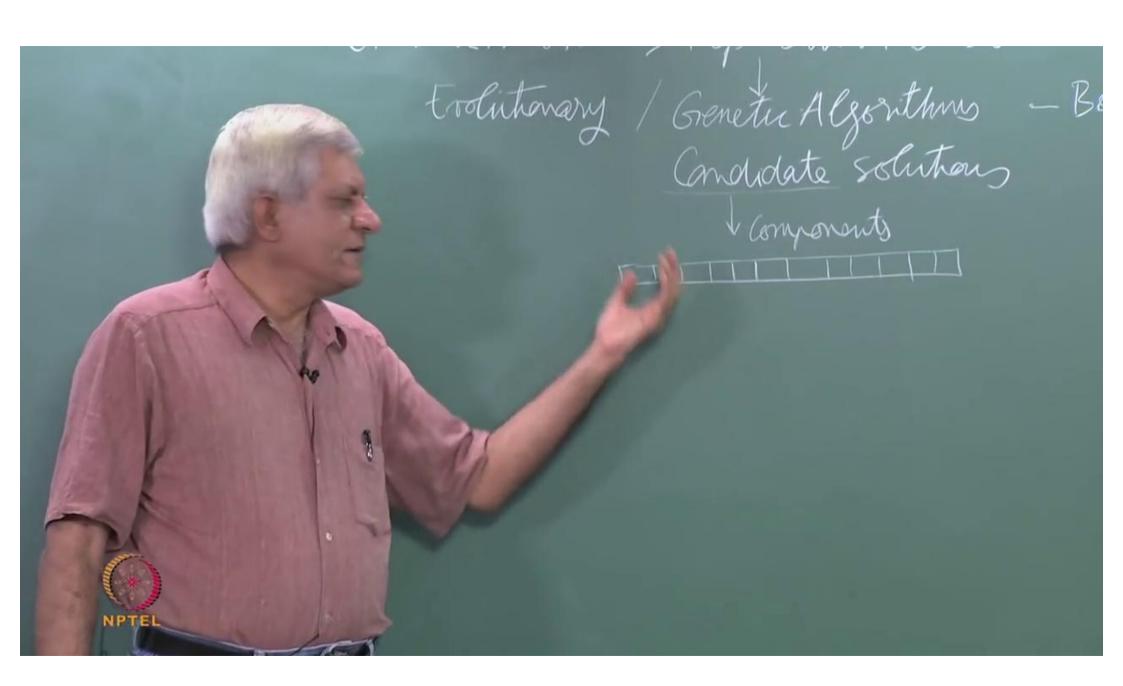


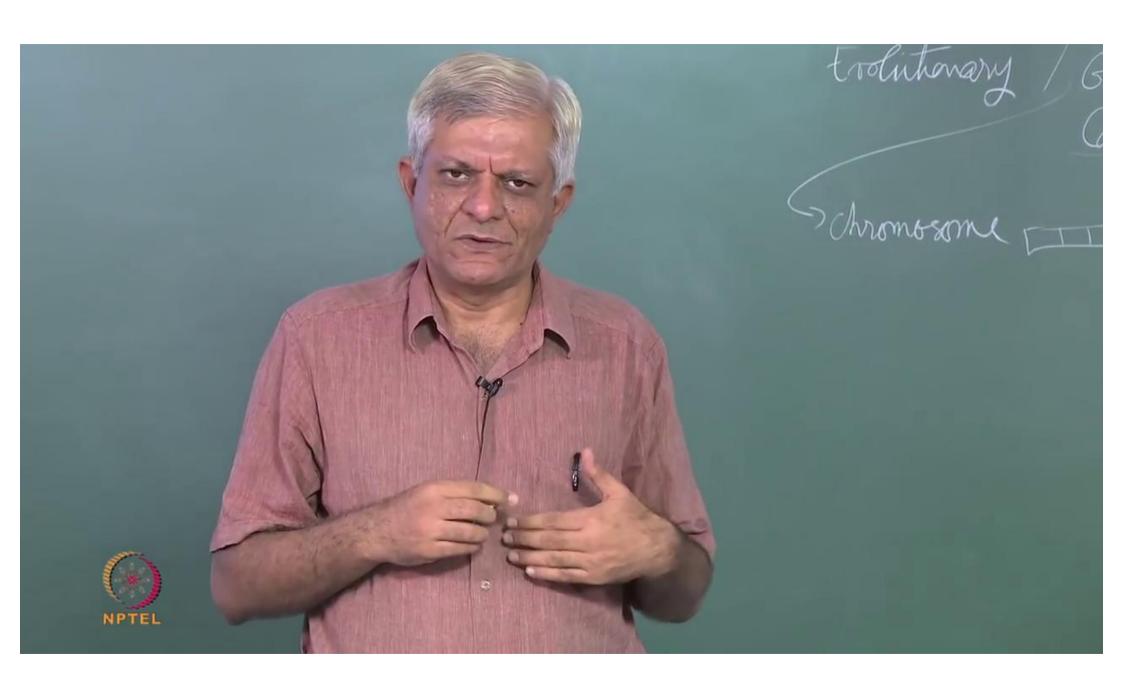
OPTIMIZATION -> Population bused

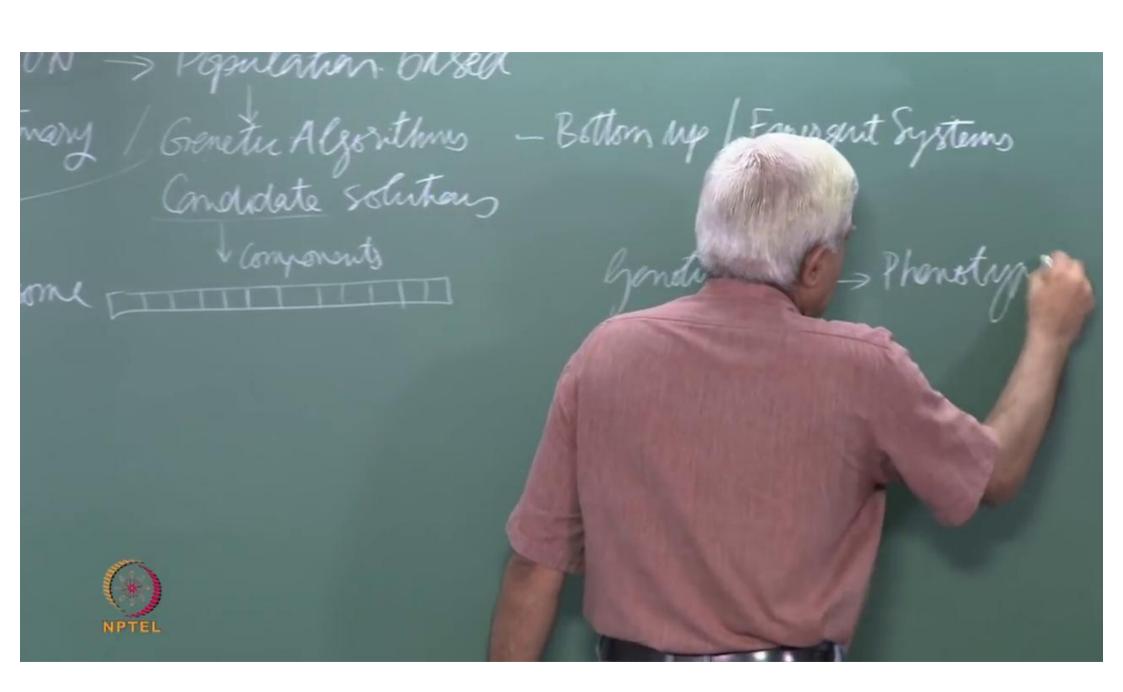
OPTIMIZATION -> Population based Evolutionary / Genetic Algorithms - Bottom up / Emergent Systems

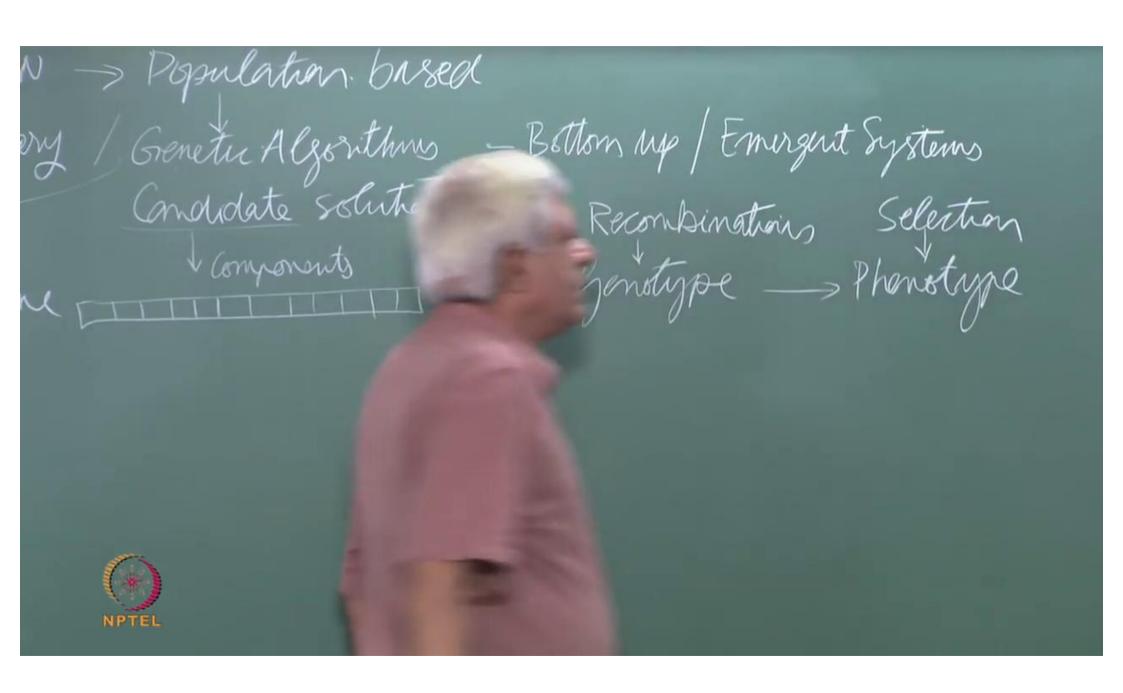










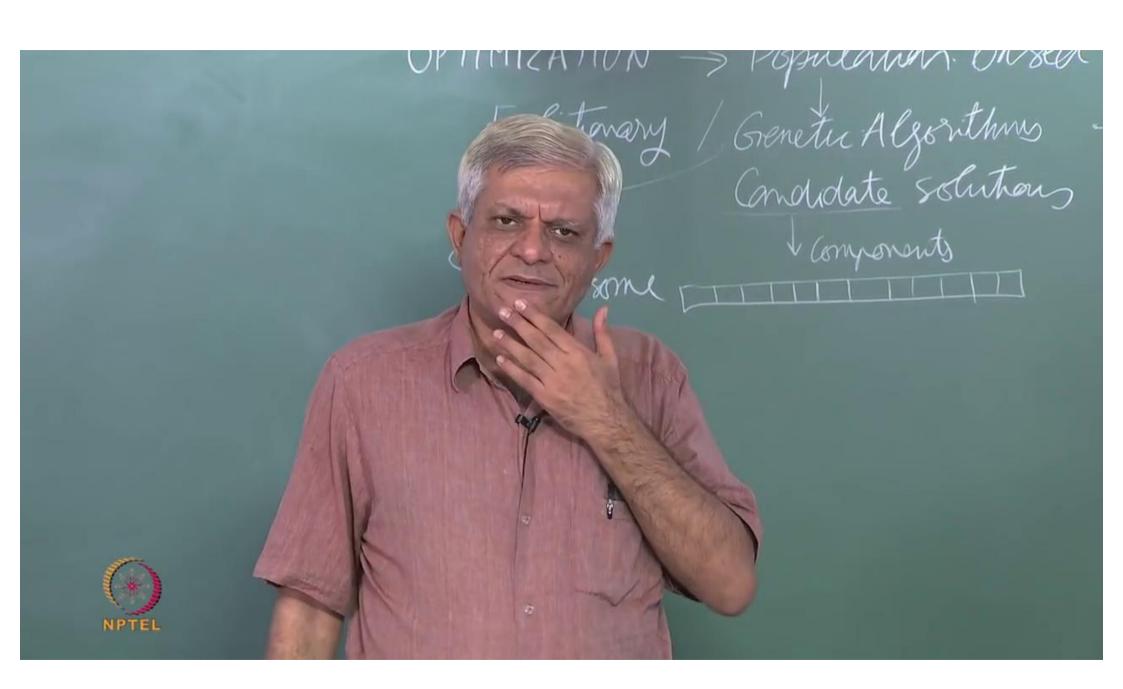


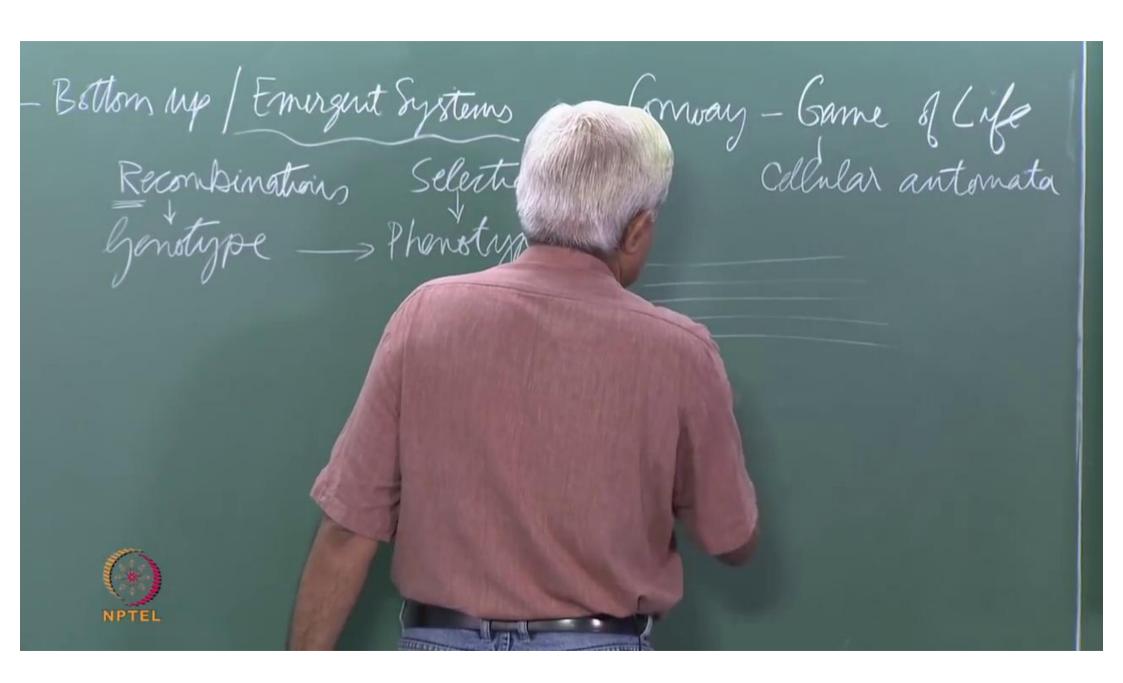
Recombinations Selection Genotype - Phonotype

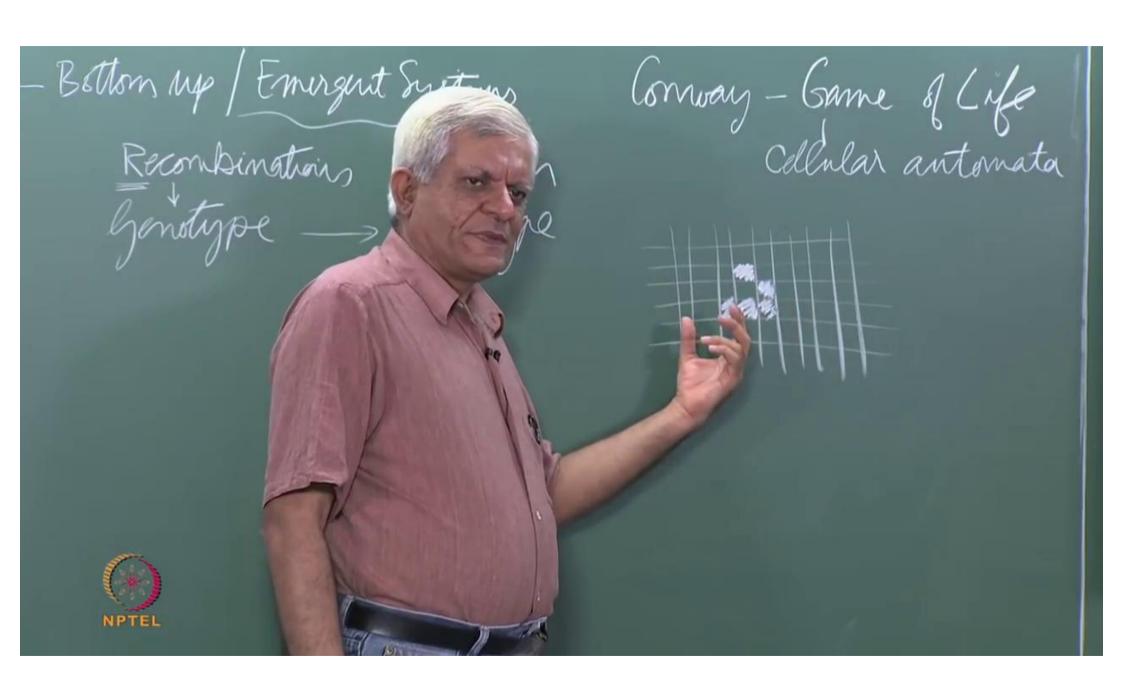


Recombinations Selection Genotype - Phonotype

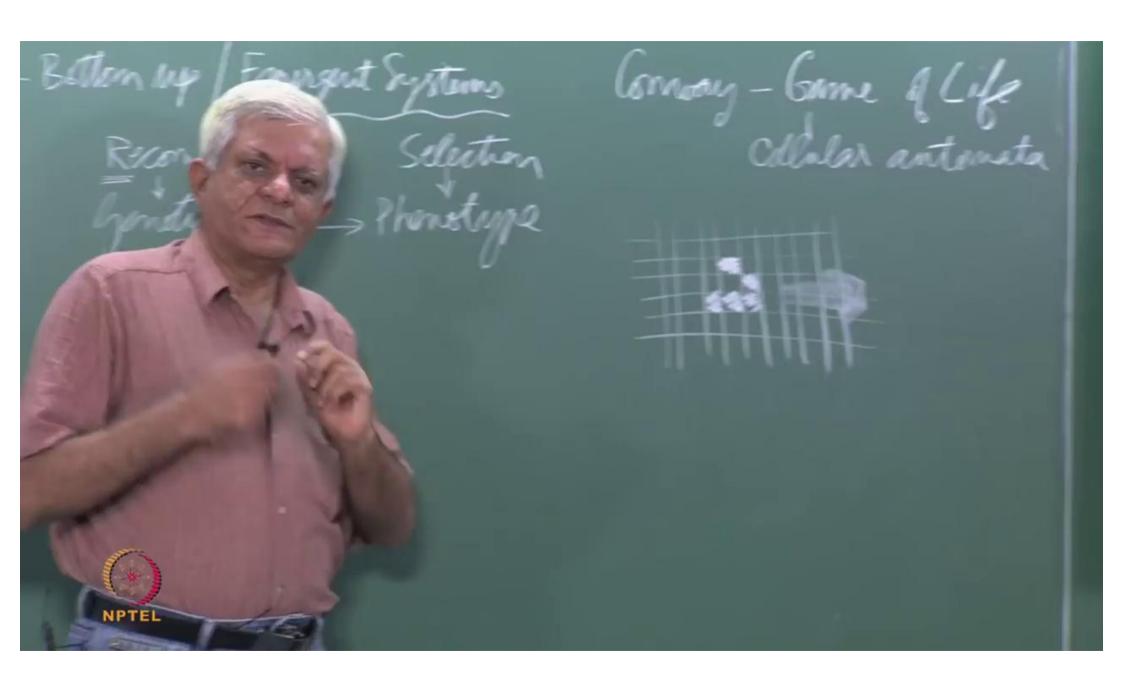


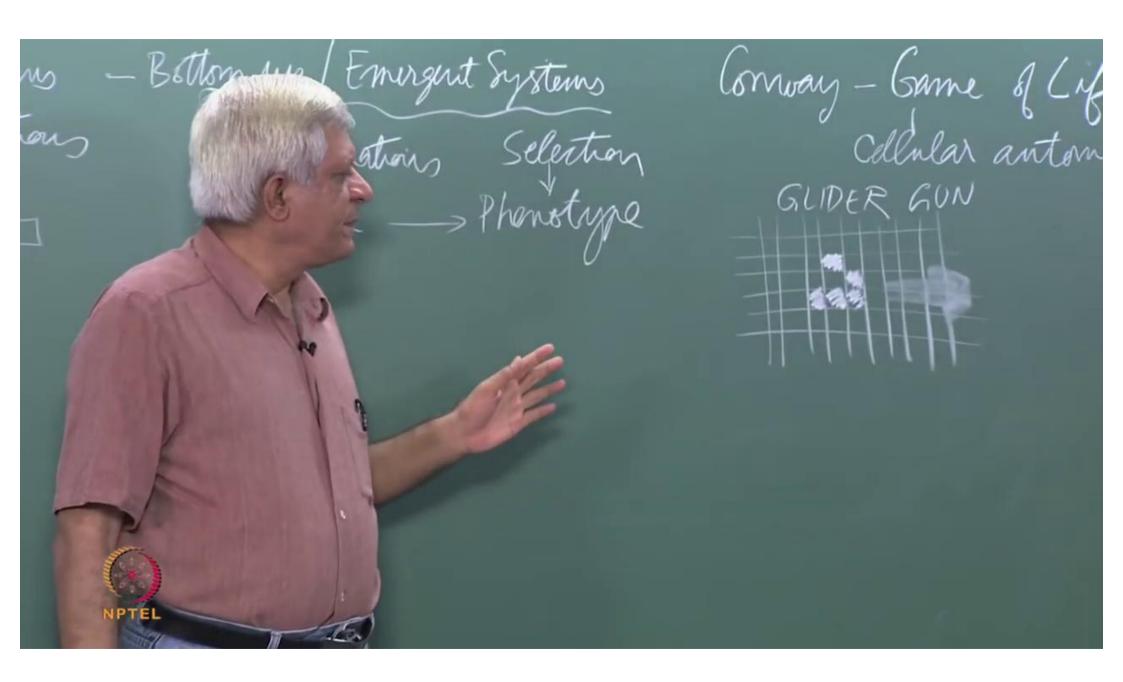




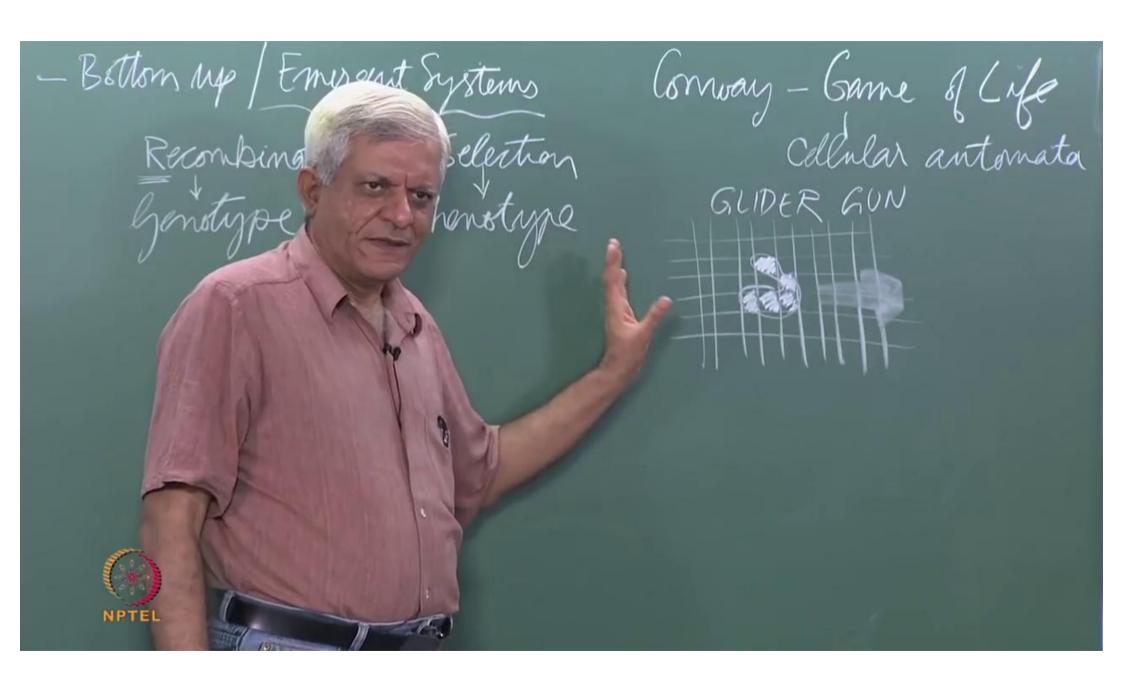


Cornway - Game of Life Collular automata

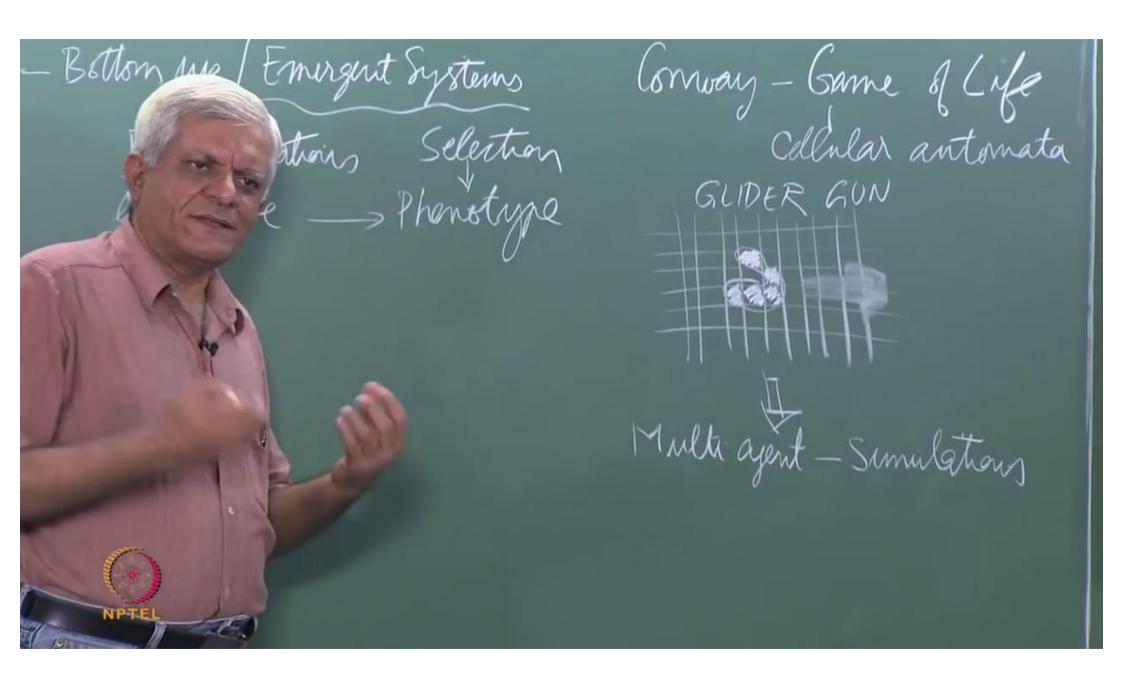


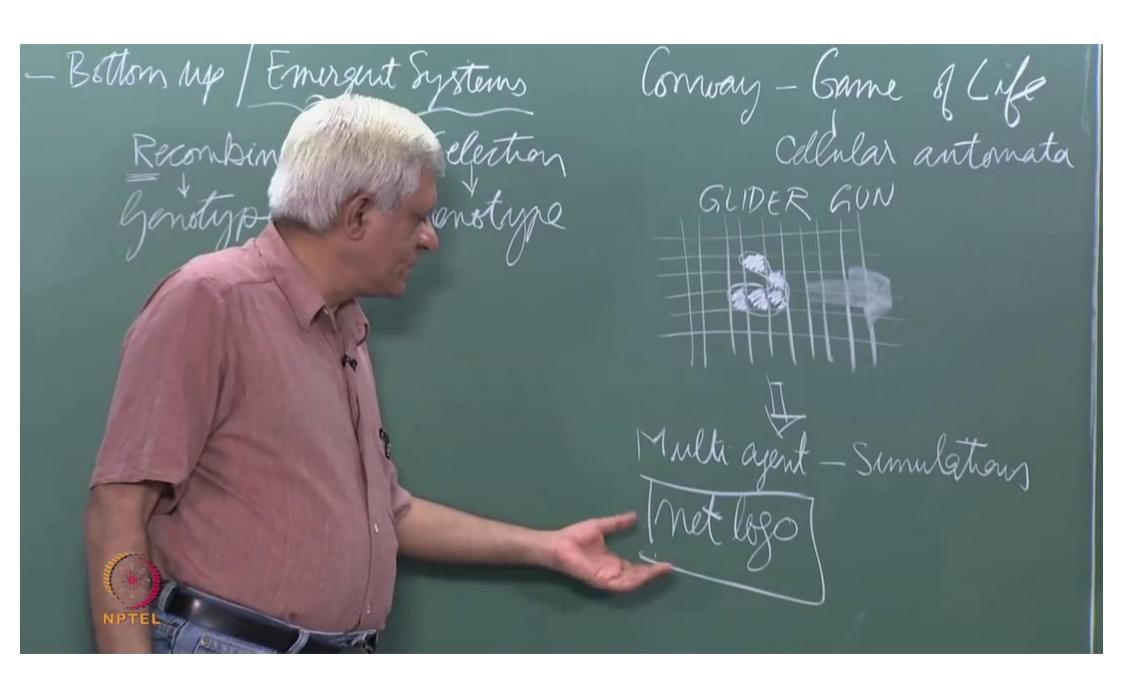


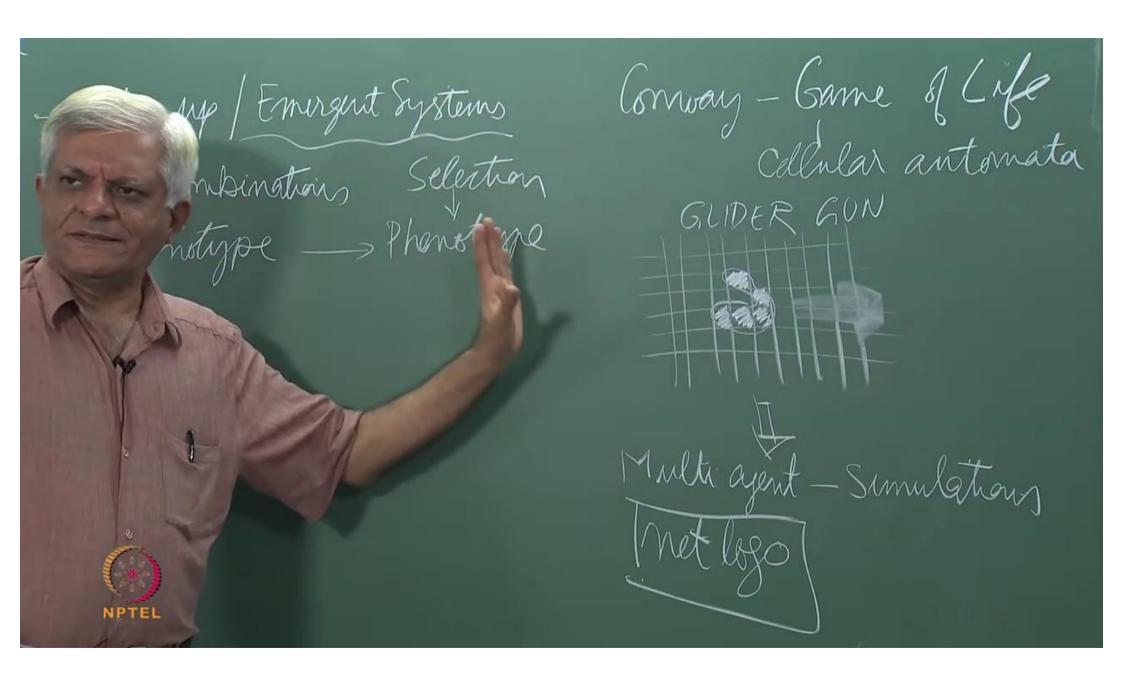


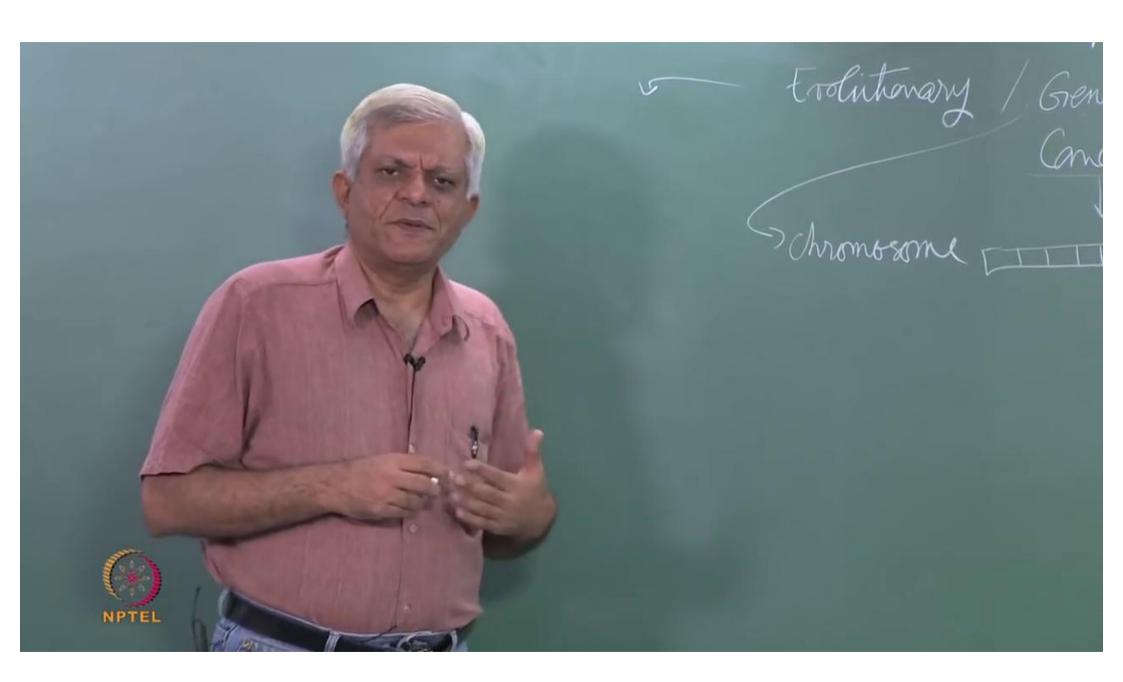


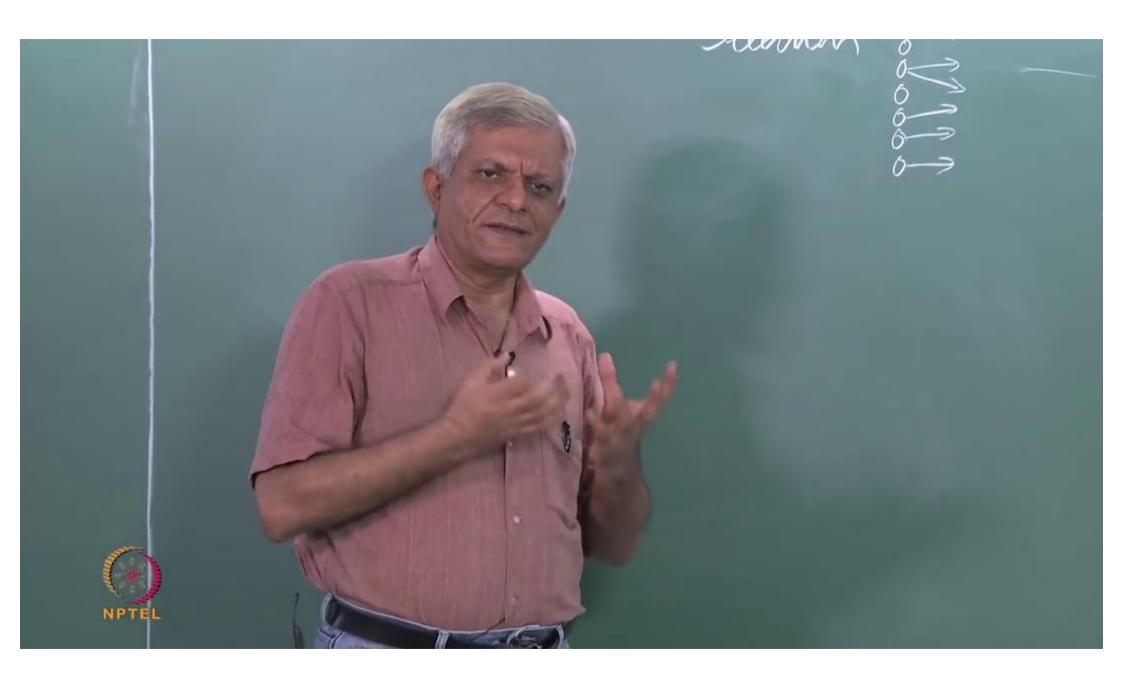
Cornway - Game of Life Cellular antomata GLIDER GUN

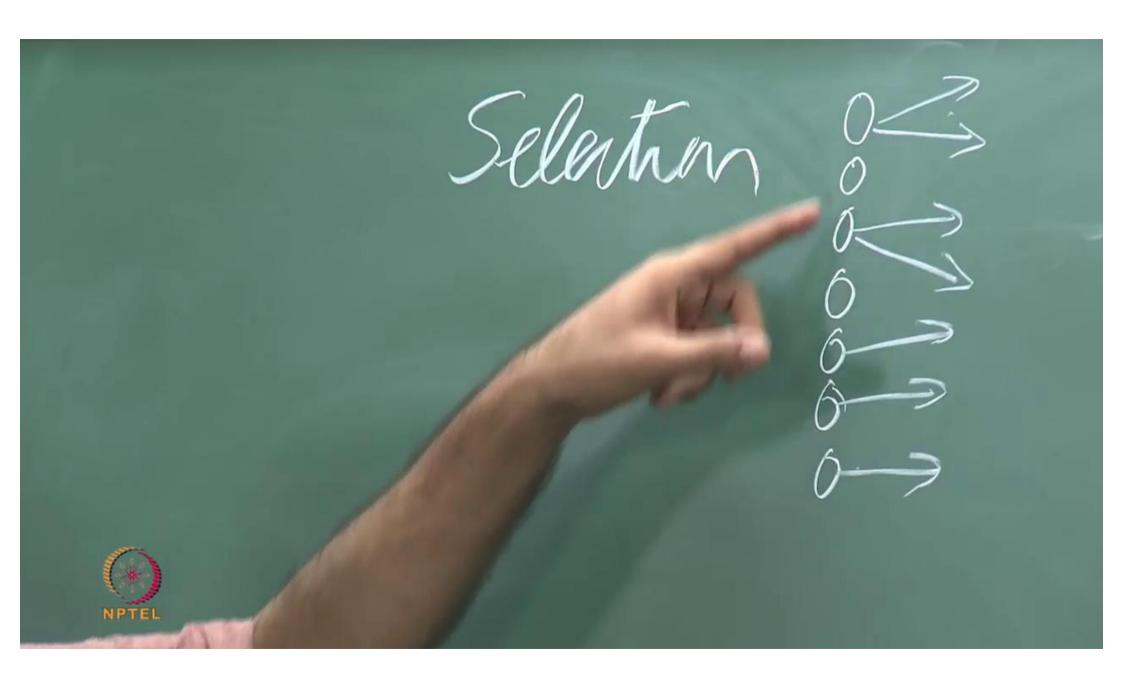


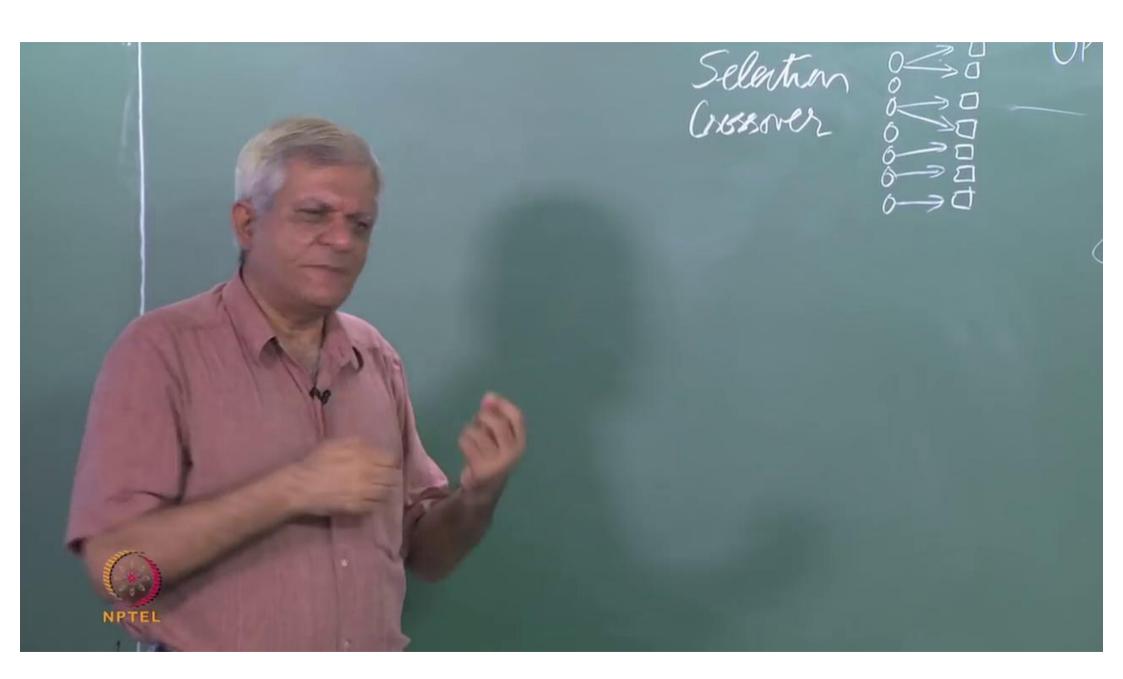




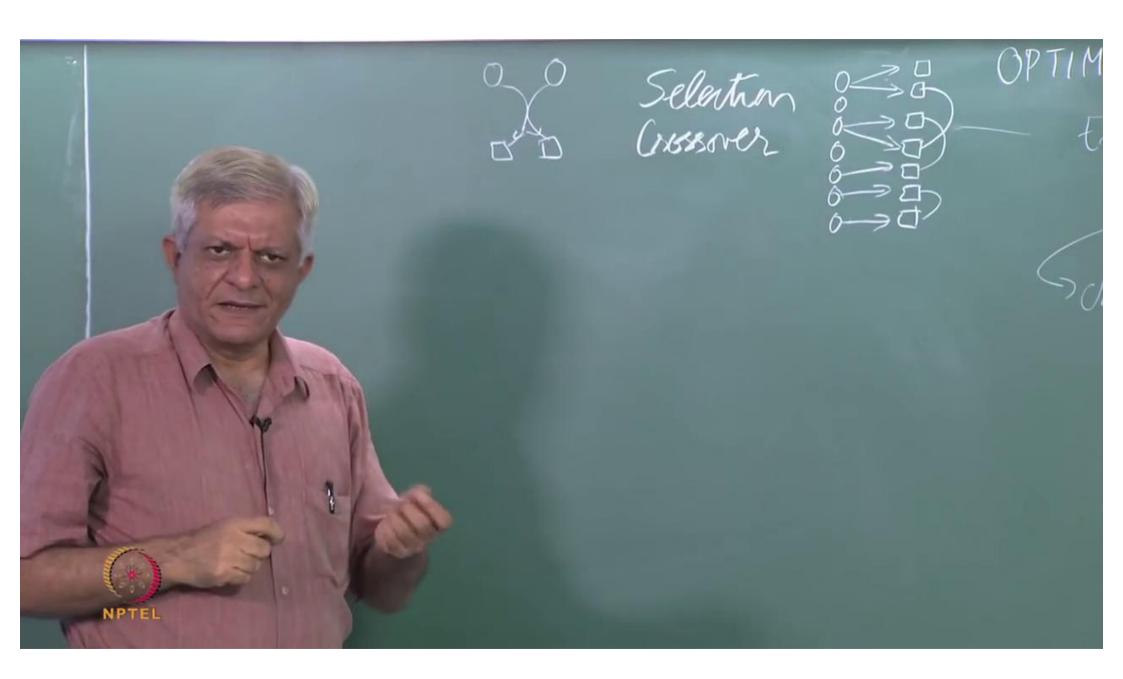


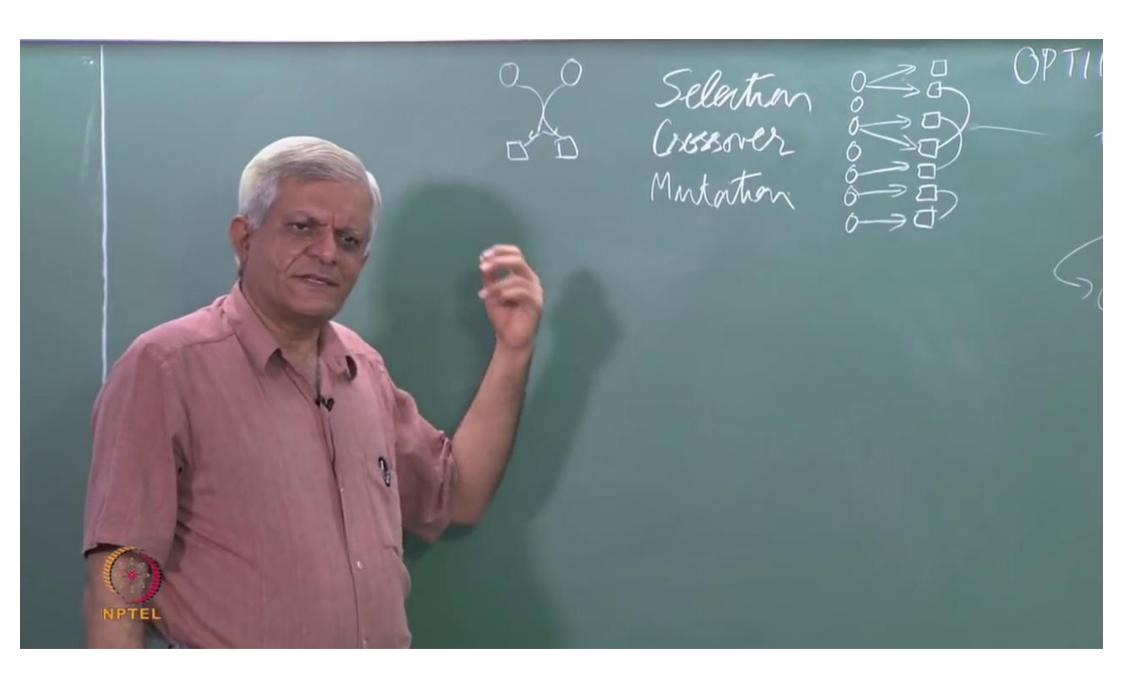




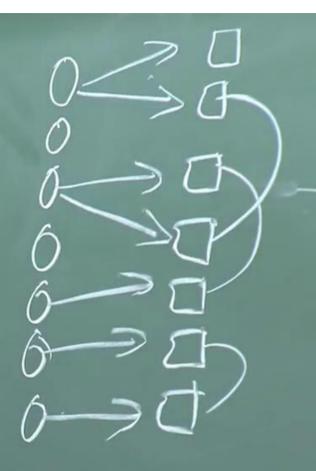




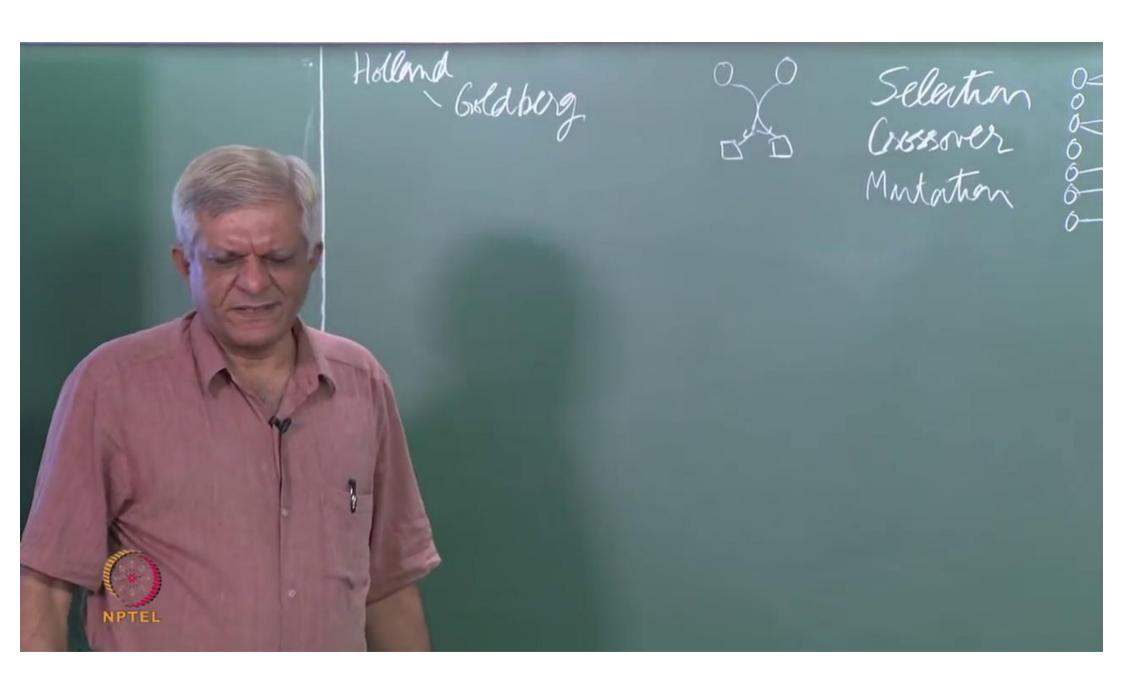




Selentin Crossover Montation



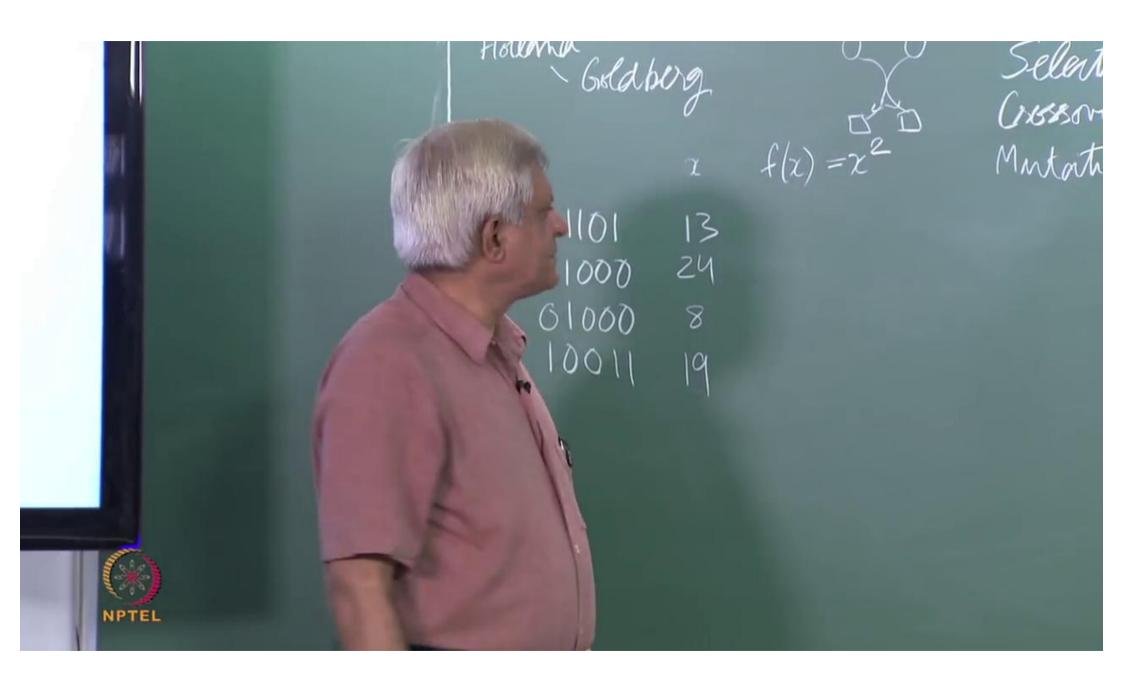


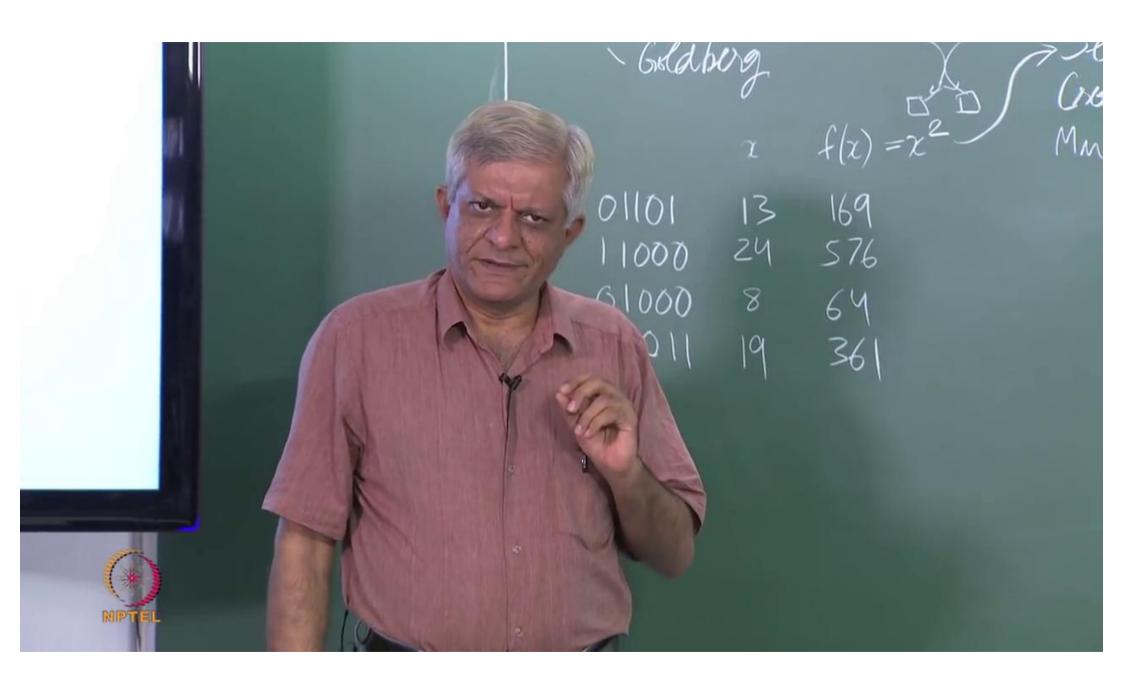


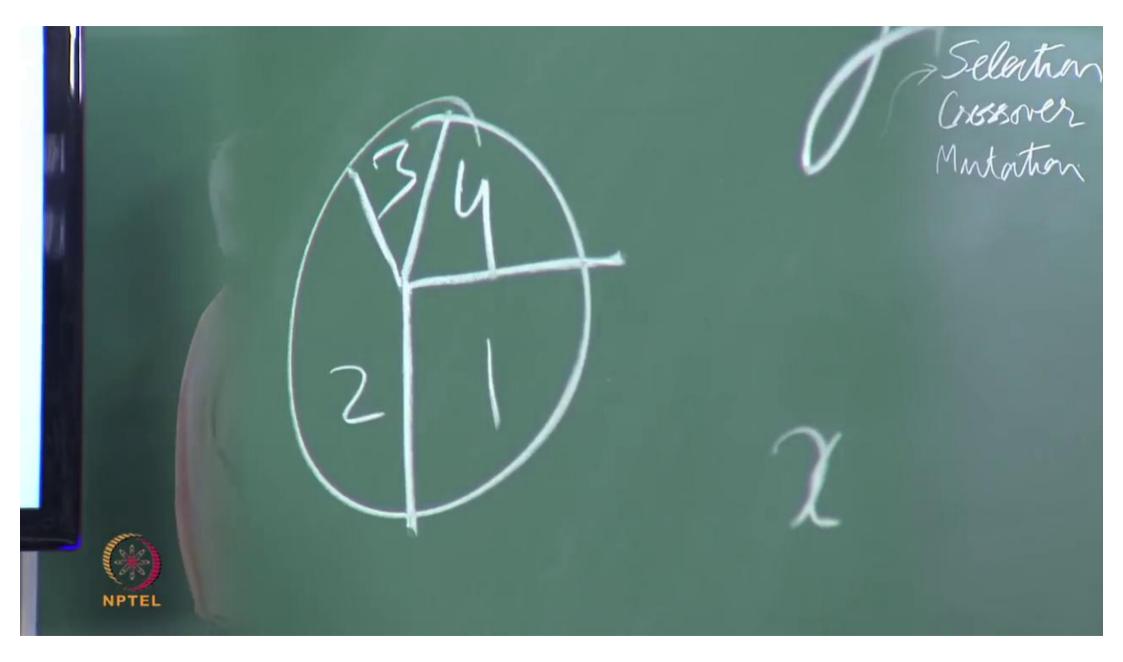
Holland Goldberg

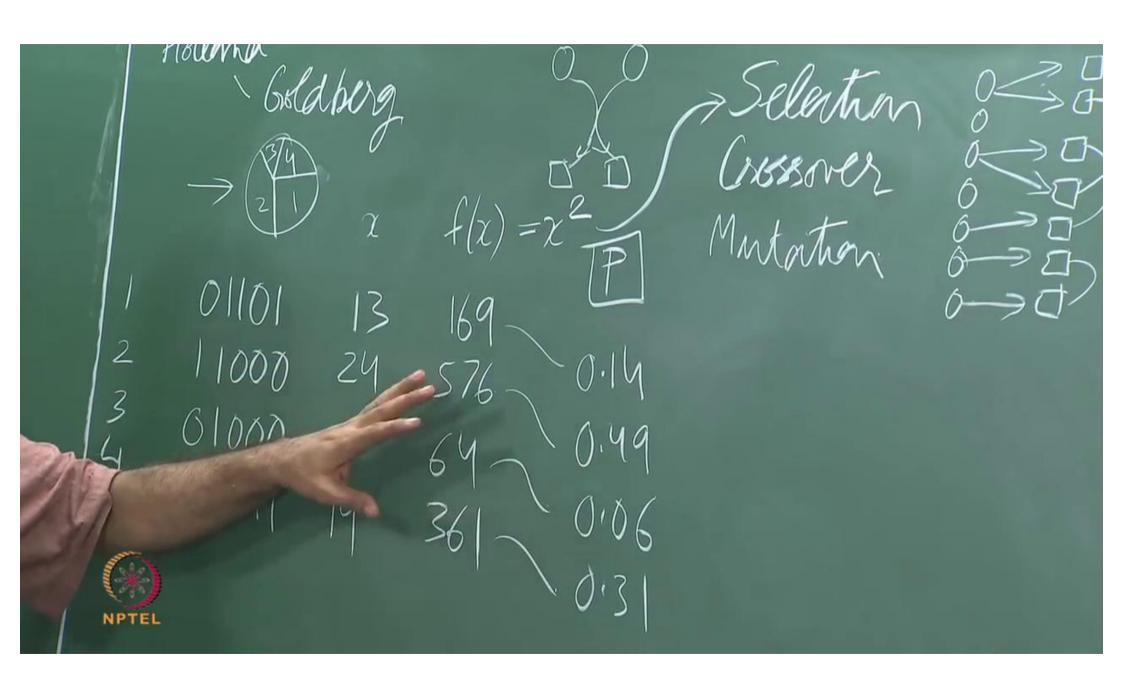


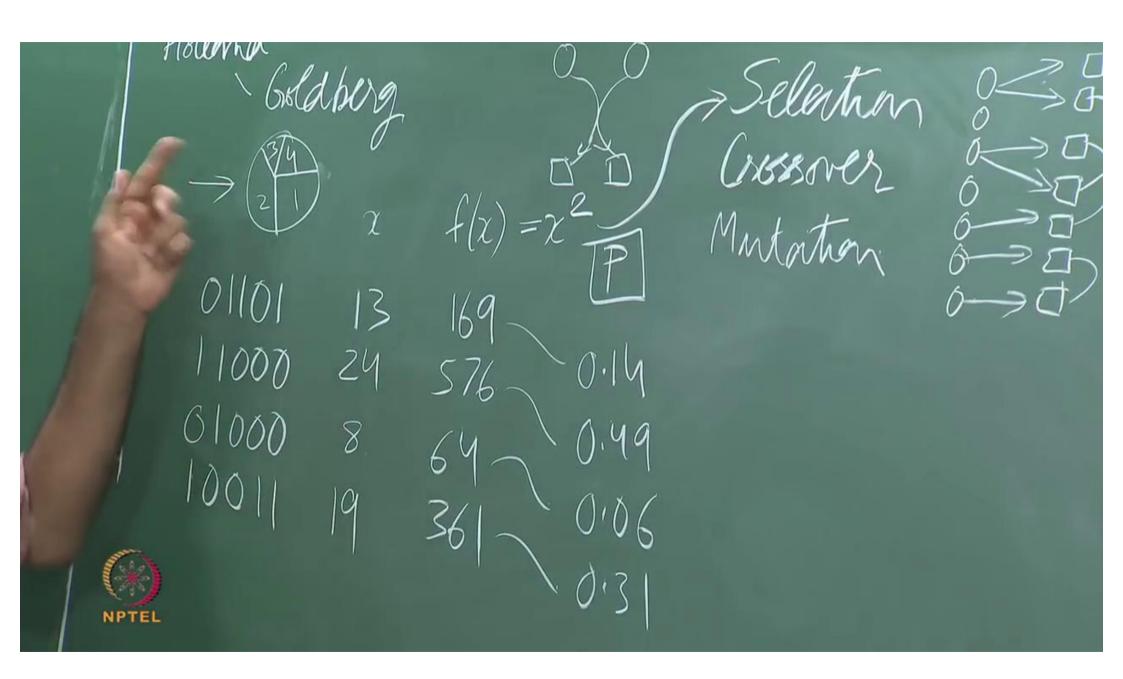


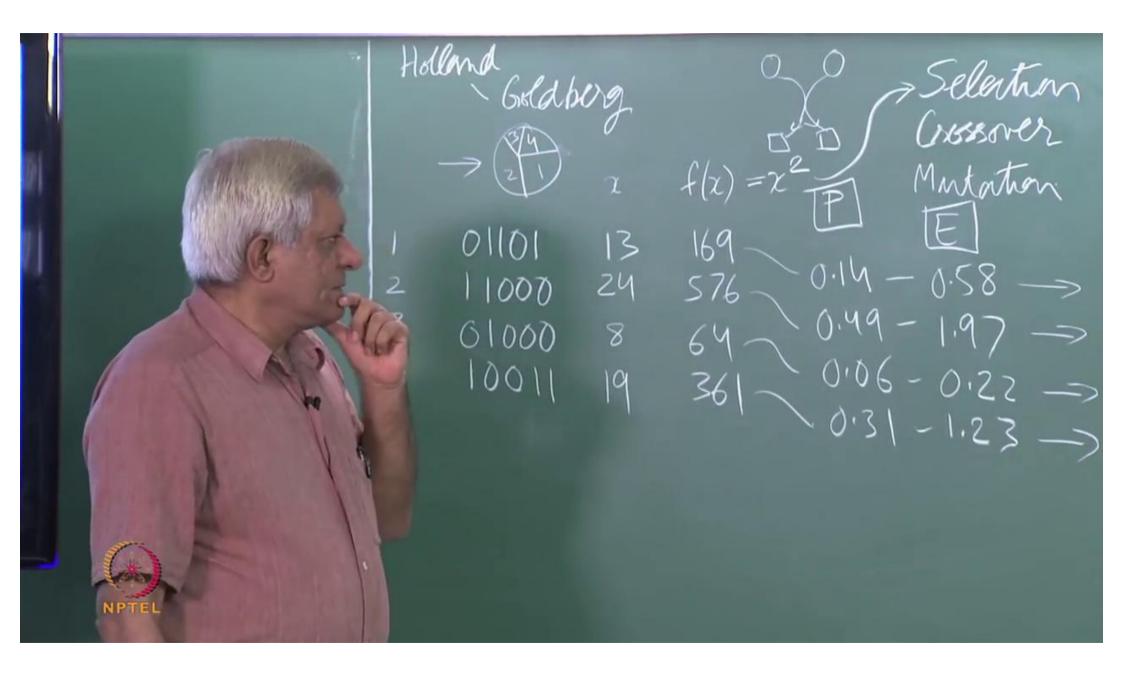


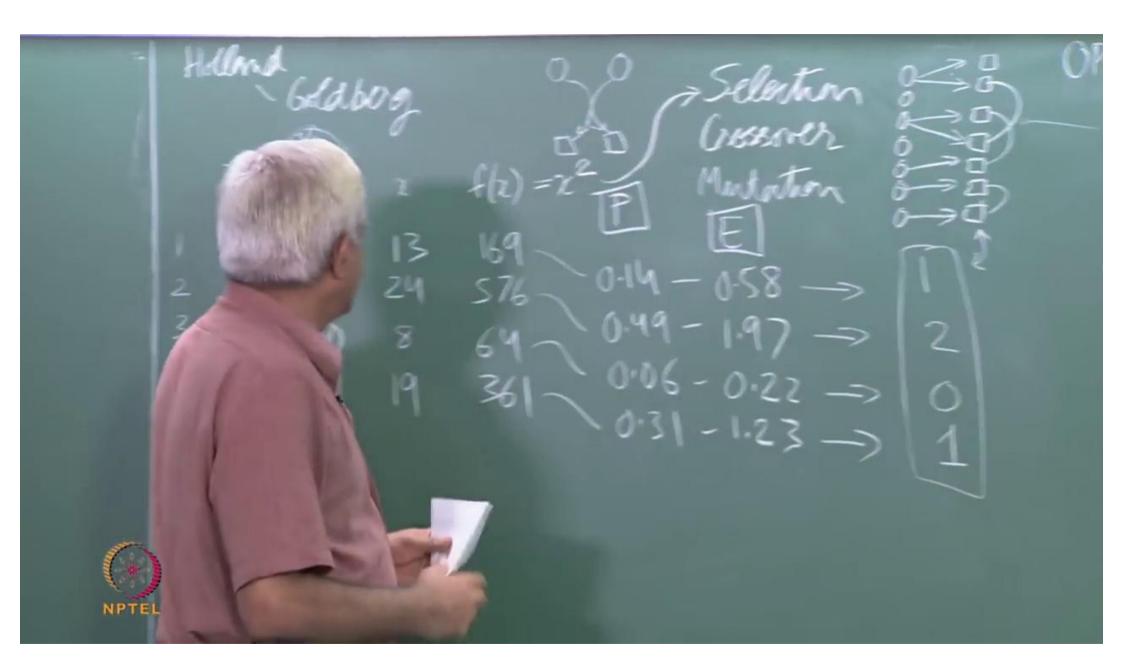


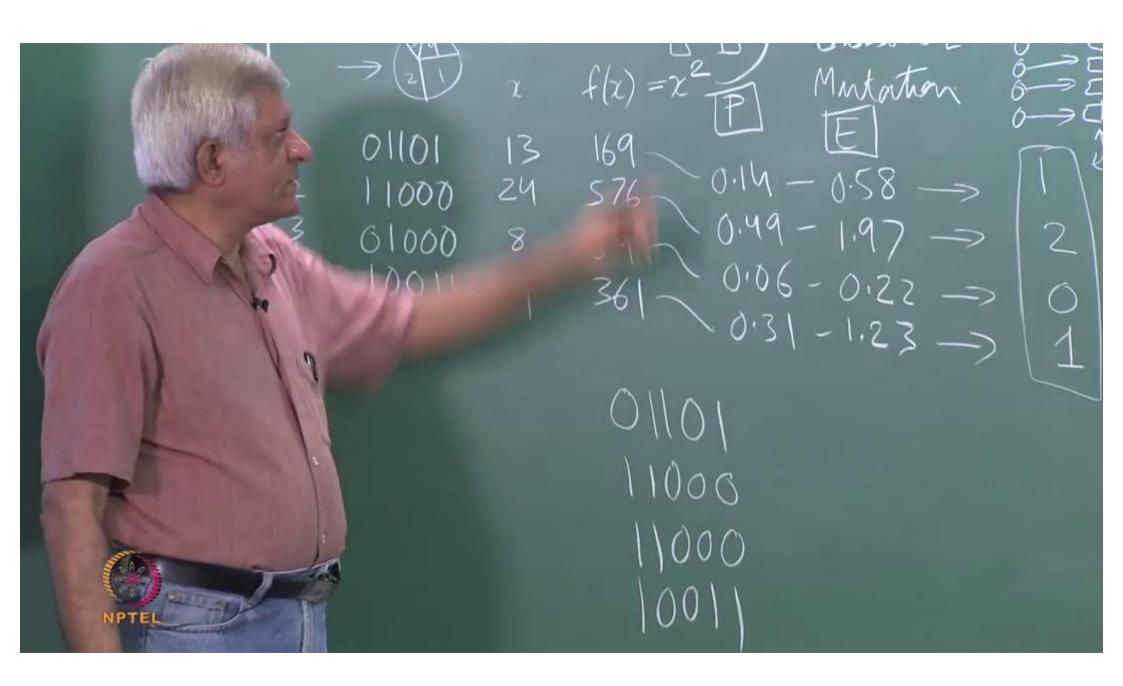


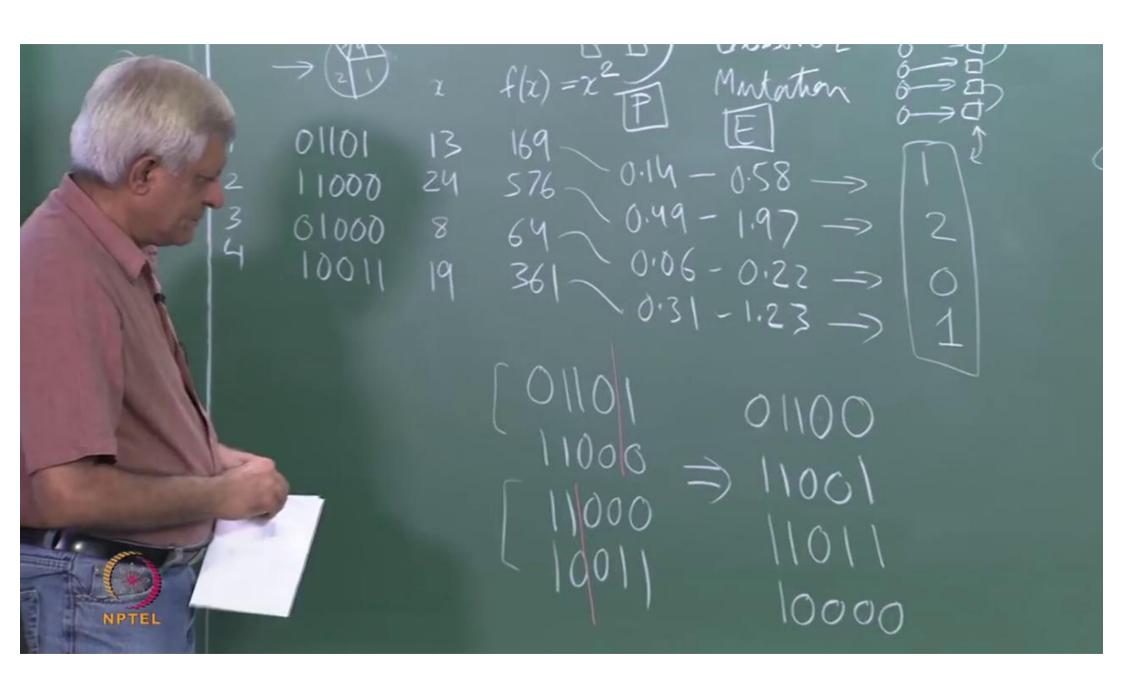


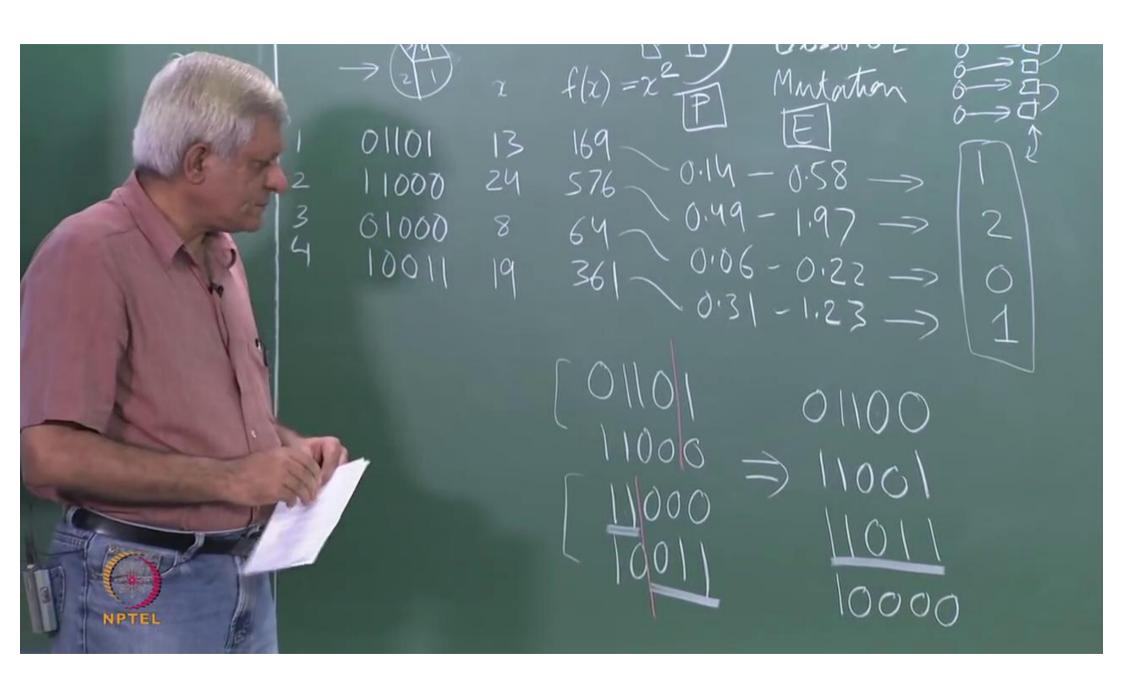


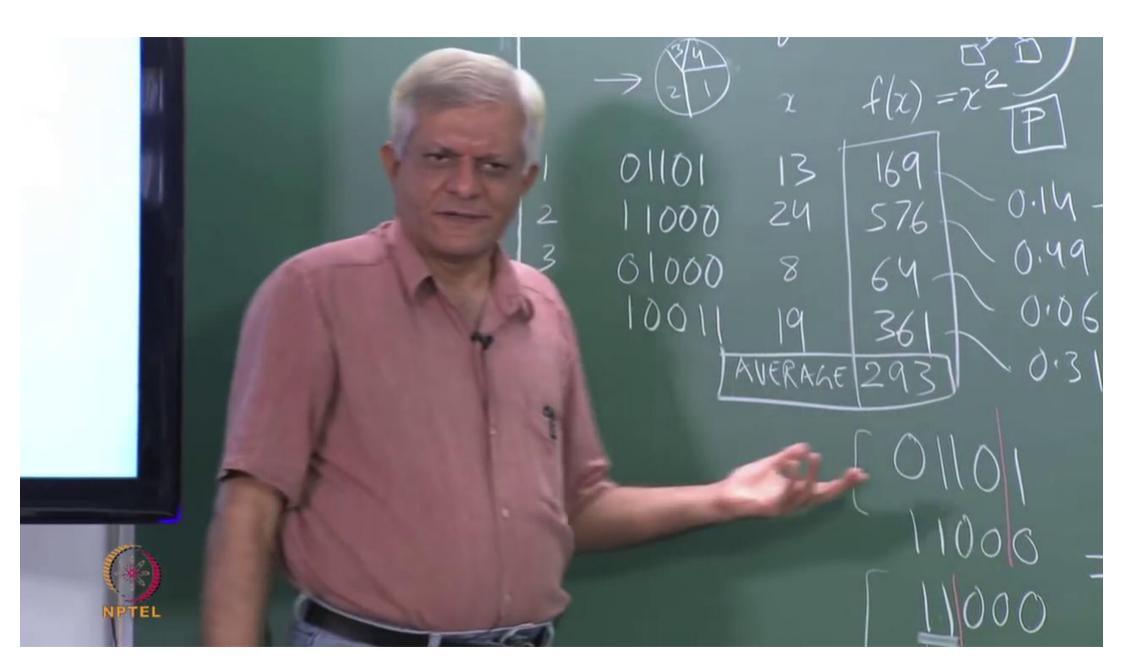


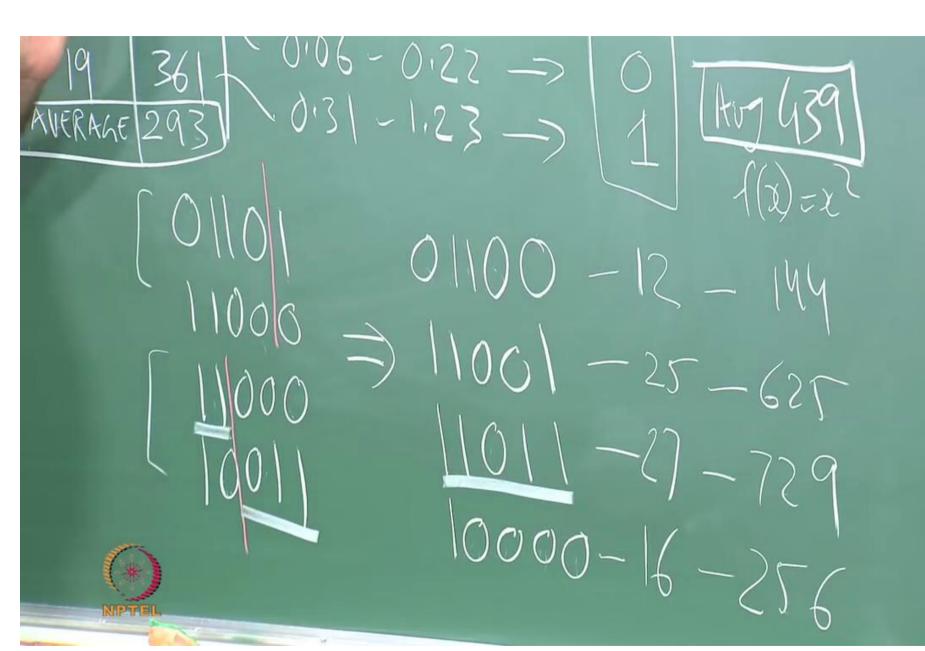


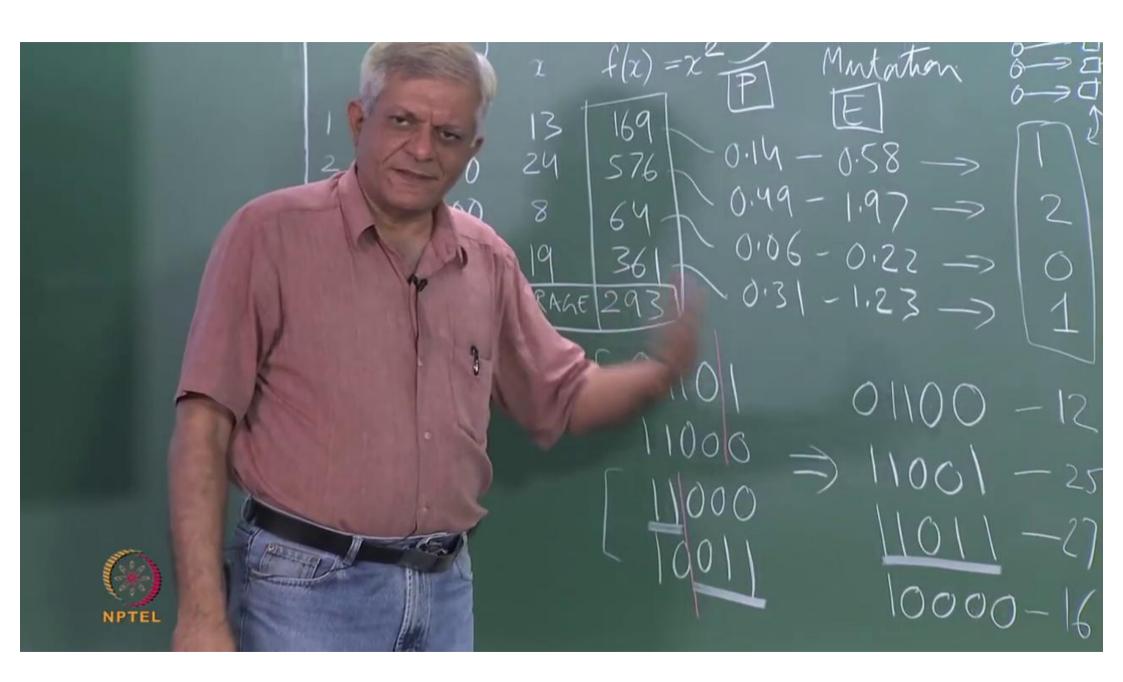


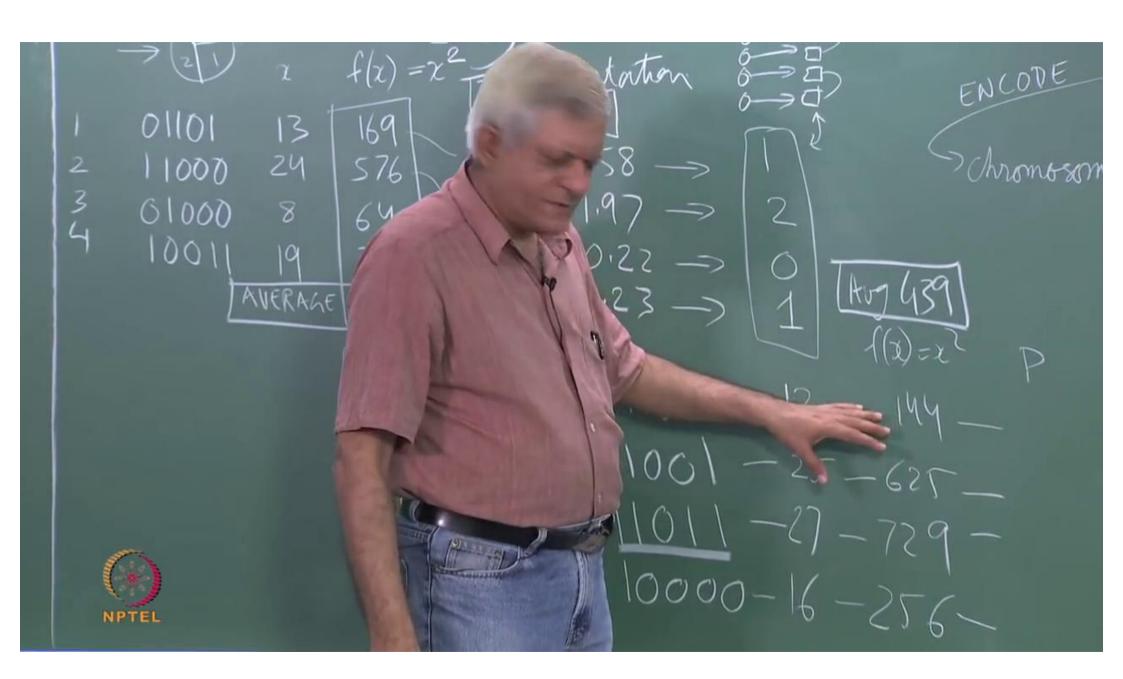












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