- Depth-first search p85
- Breadth-first search p81
- Uniform-cost search p83

2018
- Section 1 Towers of Hanoi、search algorithm in action、Towers of Hanoi
- Section 2 Search and Heuristics、Course Scheduling、CSPs: Trapped Pacman
- Section 3 CSP: Air Traffic Control、Games、Nonzero-sum Games
- Section 4 Utilities、MDPs: Micro-Blackjack、Minimax and Expectimax
- Section 5 MDPs: Micro-Blackjack、Minimax and Expectimax
  、Pacman with Feature-Based Q-Learning
- Section 6 Probability、D-Separation、Variable Elimination
- Section 7 Bayes' Nets: Inference、Sampling and Dynamic Bayes Nets
  、Decision Networks and VPI
- Section 8 HMMs、Particle Filtering、HMMs
- Section 9 Naive Bayes、Perceptron、Maximum Likelihood

2014
- Section 0 Search algorithms in action
- Section 1 Search and Heuristics、Expanded Nodes
- Section 2 Course Scheduling、CSPs: Trapped Pacman
- Section 3 Nearly Zero Sum Games、Minimax and Expectimax
- Section 4 MDPs: Micro-Blackjack、Pursuit Evasion
- Section 5 Learning with Feature-based Representations、Odds and Ends
- Section 6 Basic computations(Hidden Markov Mode)、Tracking a Jabberwock
- Section 7 Green Party President
- Section 8 Sampling and Dynamic Bayes Nets、Variable Elimination
- Section 9 Used Car Purchase
- Section 10 Naive Pacbaby、Perceptron Pacbaby