

AI - Exam Sheet

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1 Algorithms

- Intelligent Agents
- Uninformed Search
 - Tree search
 - Breadth-first search
 - Depth-first search
 - Iterative deepening search
 - Uniform cost search
- Informed search
 - Greedy best-first search
 - A* search
 - Weighted A* search
- Local search
 - Hill climbing (greedy search)
 - Simulated annealing search
 - Genetic algorithms
- Adversarial Search
 - Minimax
 - Alpha-beta pruning
- Constraint-satisfaction problems
 - Backtracking search
 - Constraint propagation
- Bayesian Networks
- Hidden Markov Models
- Intro to Machine Learning