

Game Playing State-of-the-Art

1994: Checkers. Chinook ended 40-year-reign of human world champion Marion Tinsley. Used search plus an endgame database defining perfect play for all positions involving 8 or fewer pieces on the board, a total of 443,748,401,247 positions. Checkers is now solved!



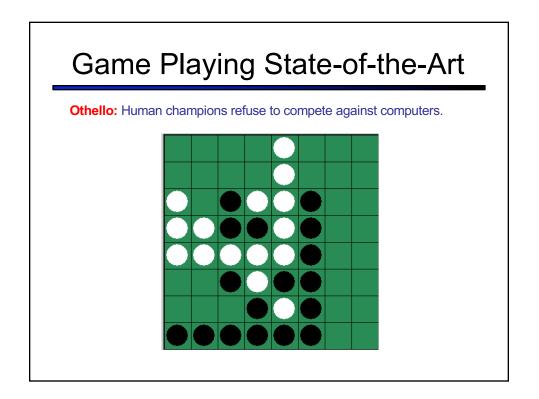


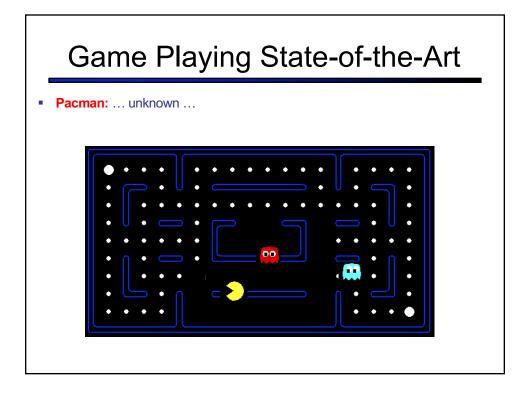
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Go: b > 300! Programs use monte carlo tree search + pattern KBs

2015: AlphaGo beats European Go champion Fan Hui (2 dan) 5-0 2016: AlphaGo beats Lee Sedol (9 dan) 4-1







Types of Games		
	deterministic	chance
perfect information	chess, checkers, go, othello	backgammon, monopoly
imperfect information	stratego	bridge, poker, scrabble, nuclear war
Number of Players? 1, 2,?		

