









- Transform direct policy representation (e.g., game subtree) to implicit form based on local decision method
- · Examples:
 - SAA: "Straightforward bidding" as baseline, with parameters controlling sunk-cost awareness, price prediction methods
 - TAC travel-shopping: Skeletal decision cycle, modified by controls for timing of flight purchases, shading of hotel bids, entertainment trading policy
 - TAC supply chain: Abstract strategic procurement into qualitative behavior categories
 - Chaturanga: next...









- Direct estimation
 - Simulate strategy profiles of interest
 - Techniques: Monte Carlo simulation, variance reduction methods
 - Exploit symmetry, approximate profile spaces
- Machine learning
 - Induce payoff function through regression applied to simulation data
 - Enables consideration of very large (even infinite) strategy spaces

















• ... toward practical game-theoretic analysis for routine strategic reasoning

