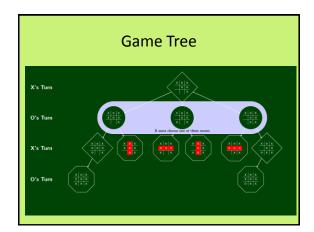
## Project 3: Parallel Game Search for Chess

CSE 332

Spring 2016

## Project 3, Due June 1, 2016 CSE 332: Data Abstractions P3: Chess The purpose of this project is to compare sequential and parallel algorithms on some intractable problems. You will also have some new graph algorithms and a list of combinatorial jame theory. Overview In this project, you will write several chee bots and compete against other ches bots on the CSE 332 chess server. You will implement several (graph/new) algorithms (both sequential and parallel) and be able to see a significant difference in the quality of the bots. Before attempting this project, you should read the handout on the algorithms. The project is designed so that you seed minimal ches is knowledge, but we recommend you familiarize yourself with the basic relap int in case. We have written all of the chess-specific code (evaluator, more supported with the basic relap int in case. We have written all of the chess-specific code (evaluator, more many complex code) in the complex code of the parts of this project atheraste between sequential code and parallel code. For each new algorithm, you will implement the sequential version fert followed by a parallel code.

## Tic-Tac-Toe



## Min-Max search

- Tree with numeric outcomes at leaves
  - Player 1 wants to maximize score
  - Player 2 wants to minimize score
- Computing values
  - Leaves return values
  - Max levels return max of children
  - Min levels return min of children

