Nomitan

JAIST Iida/Ikeda Lab.
Nomitan Project Team
T. Matsui Y.Noguchi Y.Doi T.Yajima
A.Hasegawa *J.Hashimto K.Ikeda
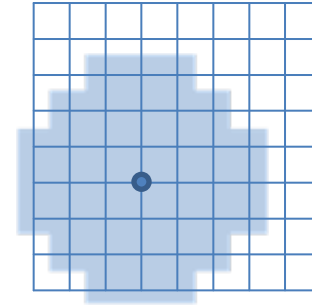* written by

Specification

- Birthday: 2008. May
- Program: C++ 15487 lines Unix/Windows
- Award:
  - 2nd UEC Cup 19x19 (2008 Dec.) 7th
  - CGF Open 19x19 (2009 Jun.) 1st (tie)
  - 3rd UEC Cup 19x19 (2009 Nov.) 13th
- CGOS 9x9:
  - Elo rating 2200? (8core)

Characteristics

- Search
  - UCT(using UCB1-tuned)
  - No RAVE(AMAF)
  - Tree by transposition table
  - Multithreads in the sahring tree
- Evaluation
  - large pattern matching
  - 2 steps optimization(Order, Probability)
- Reference
  - Coulom, 2006, Efficient Selectivity and Backup Operators in Monte-Carlo Tree Search
  - Gelly et al., 2006, Modification of UCT with Patterns in Monte-Carlo Go
  - Coulom, 2007, Computing Elo Ratings of Move Patterns in the Game of Go
  - Matsui et al., to be printed, Machine Learning of a Probability Function in the Game of Go by a Gradient Method

focus
pattern match area