

LITERATURE RECEIVED

ORACOL, A CHESS PROBLEM SOLVER IN ORCA

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M.Sc. thesis, 1989
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We quote the abstract:

"Orca is a high-level programming language for the implementation of distributed applications. Although a number of small distributed problems have been solved successfully in Orca (e.g., TSP, Primes), the question remained how Orca would perform in a more complex environment, like the game of chess. Therefore, we have created a Chess Problem Solver to test the language and developed a parallel alpha-beta algorithm with a reasonable speedup (reduction in search time). Furthermore, we have implemented some chess heuristics and studied their behaviour in our program."

INFORMATION FOR CONTRIBUTORS

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Photo by Jos Uiterwijk.

DR. SHANNON WATCHING ONE OF HIS MANY BRAINCHILDREN.
 Two honored guests at the first Computer Olympiad: Claude Shannon (centre),
 Ken Thompson (right). (London, 1989)