Advances in Computer Chess 3

Conference held at Imperial College

London, April 9-10, 1981

PROGRAM

1. Dr. I. Bratko and M. Gams (J. Stefan Institute, Ljubljana)
   "Error analysis of the minimax principle"

2. D. Beal (Queen Mary College, University of London)
   "Benefits of minimax lookahead"

3. K. Coplan (Machine Intelligence Research Unit, University of Edinburgh)
   "A special purpose machine based on an improved algorithm for deep chess combinations"

4. K. Thompson (Bell Laboratories)
   "Belle Chess Hardware" and "Computer Chess Strength"

5. D. Kopek and Dr. I. Bratko (Machine Intelligence Research Unit, University of Edinburgh)
   "The Bratko-Kopek experiment: a test of some well-known hypotheses about computer chess"

6. Dr. M. Bramer (Open University)
   "Machine-aided refinement of correct strategies for the end game"

7. A. Shapiro and T. Niblett (Machine Intelligence Research Unit, University of Edinburgh)
   "Automatic induction of classification rules for a chess end game"

8. T. Nitsche (Munich)
   "A learning chess program"

9. Dr. M. Bramer and B. Alden (Open University)
   "A program for solving retrograde analysis chess problems"

10. Prof. D. Michie (Machine Intelligence Research Unit, University of Edinburgh)
    "Information and complexity in chess"

11. H. Kaindl (Vienna)
    "Positional long-range planning in computer chess"

12. Dr. M. Botvinnik (Moscow)
    "Decision making and computers"

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