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H. J. Berliner and D. F. Beal (Eds.)

This special issue of *Artificial Intelligence* contains eight papers, of which six are reprints (sometimes amended) from papers presented at the Advances in Computer Chess 5 Conference, April 27-28, 1987, Noordwijkerhout, The Netherlands, and published before in the conference proceedings (D. F. Beal (Ed.): *Advances in Computer Chess 5*, Elsevier Science Publishers, Amsterdam, 1989; ISBN 0-444-87159-4; a review of this book by T. A. Marsland has appeared in the *ICCA Journal*, Vol. 12, No. 3, p. 169).

The following articles are included:

-    H.J. Berliner, G. Goetsch, M.S. Campbell and C. Ebeling: "Measuring the Performance Potential of Chess Programs" (14 pages).
-    K.-F. Lee and S. Mahajan: "The Development of a World Class Othello Program" (16 pages).
-    H. Horacek: "Reasoning with Uncertainty in Computer Chess" (20 pages).
-    I. Althöfer: "An Incremental Negamax Algorithm" (9 pages).
-    J. Schaeffer: "Conspiracy Numbers" (18 pages).
-    D.F. Beal: "A Generalised Quiescence Search Algorithm" (14 pages).
-    T. Anantharaman, M.S. Campbell and F.-h. Hsu: "Singular Extensions: Adding Selectivity to Brute-Force Searching" (11 pages).
-    S.T. Dekker, H.J. van den Herik and I.S. Herschberg: "Perfect Knowledge Revisited" (13 pages).

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