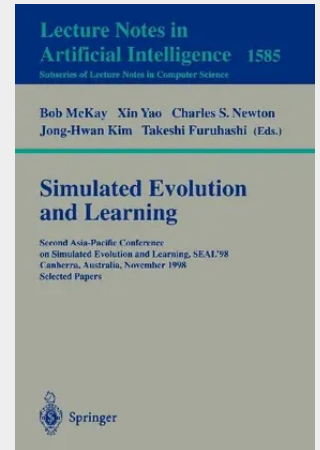


Simulated Evolution and Learning

This volume contains selected papers presented at the Second Asia-Pacific Conference on Simulated Evolution and Learning (SEAL'98), from 24 to 27 November 1998, in Canberra, Australia. SEAL'98 received a total of 92 submissions (67 papers for the regular sessions and 25 for the applications sessions). All papers were reviewed by three independent reviewers. After review, 62 papers were accepted for oral presentation and 13 for poster presentation. Some of the accepted papers were selected for inclusion in this volume. SEAL'98 also featured a fully refereed special session on Evolutionary Computation in Power Engineering - organised by Professor Kit Po Wong and Dr Loi Lei Lai. Two of the accepted papers are included in this volume. The papers included in these proceedings cover a wide range of topics in simulated evolution and learning, from self-adaptation to dynamic modelling, from reinforcement learning to agent systems, from evolutionary games to evolutionary economics, and from novel theoretical results to successful applications, among others. SEAL'98 attracted 94 participants from 14 different countries, namely Australia, Belgium, Brazil, Germany, Iceland, India, Japan, South Korea, New Zealand, Portugal, Sweden, Taiwan, UK and the USA. It had three distinguished international scientists as keynote speakers, giving talks on natural computation (Hans-Paul Schwefel), reinforcement learning (Richard Sutton), and novel models in evolutionary design (John Gero). More information about SEAL'98 is still available at <http://www.cs.adfa.edu.au/conference/seal98/>.

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