References 7

Bäck, T. (993): Optimal Mutation Rates in Genetic Search. In Forrest, S. (ed.): Proceedings of the Fifth International Conference on Genetic Algorithms, San Mateo, California, USA: Morgan Kaufmann Publishers, pp. 2-8.

Bäck, T. (1996): Evolutionary Algorithms in Theory and Practice – Evolution Strategies, Evolutionary Programming, Genetic Algorithms. New York, Oxford: Oxford University Press.

Baker, J.E. (1987): Reducing Bias and Inefficiency in the Selection Algorithm. In Grefenstette, J.J. (ed.): Proceedings of the Second International Conference on Genetic Algorithms and their Application, Hillsdale, New Jersey, USA: Lawrence Erlbaum Associates, pp. 14-21.

Bandler, W. and Kohout, L.J. (1987): Relations, mathematical. In Sigh, M.G. (ed.), Systems and Control Encyclopedia. Pergamon Press, Oxford, pp. 4000-4008.

Bandler, W. and Kohout, L.J. (1988): Special properties, closures and interiors of crisp and fuzzy relations. *Fuzzy sets and Systems* 26(3): 317–332.



Beale, R. and Jackson, T. (1992): *Neural Computing: An Introduction*. J.W. Arrowsmith Ltd, Bristol, Greit Britain.

Blickle, T. and Thiele, L. (1995): A Comparison of Selection Schemes used in Genetic Algorithms. *TIK Report No.* 11, Computer Engineering and Communication Networks Lab (TIK), Swiss Federal Institute of Technology (ETH) Zürich, Switzerland.

Bonissone, P. (2002): Hybrid Soft Computing for Classification and Prediction Applications. Conferencia Invitada. In: *Proceedings of the 1st International Conference on Computing in an Imperfect World* (Soft-Ware 2002), Belfast.

Booker, L. (1987): Improving search in genetic algorithms. In Davis, L.D. (ed.): *Genetic Algorithms and Simulated Annealing. San Mateo*, California, USA: Morgan Kaufmann Publishers, pp. 61–73.

Charniak, E. (1993): Statistical Language Learning. MIT Press, Cambridge, Massachusetts.

Davis, L.D. (1991): Handbook of Genetic Algorithms. Van Nostrand Reinhold.

Fausett, L.V. (1994): Fundamentals of Neural Networks. Prentice-Hall, Inc., Englewood Cliffs, New Jersey.

Fogel, D.B. (1994): An Introduction to Simulated Evolutionary Optimization. *IEEE Trans. on Neural Networks: Special Issue on Evolutionary Computation*, Vol. 5, No. 1, pp. 3–14.

Fogel, L.J., Owens, A.J. and Walsh, M.J. (1966): *Artificial Intelligence through Simulated Evolution*. New York: John Wiley.

Goldberg, D.E. and Deb, K. (1991): A Comparative Analysis of Selection Schemes Used in Genetic Algorithms. In Rawlins, G.J.E. (ed.): *Foundations of Genetic Algorithms*. San Mateo, California, USA: Morgan Kaufmann Publishers, pp. 69–93.

Garey, M. and Johnson, D.S. (1979): Computers and Intractability: A Guide to the Theory of NP-Completeness, W.H. Freeman and Company.

Hebb, D. (1949): The Organization of Behaviour. New York, Wiley.

Hertz, J., Kogh, A. and Palmer, R.G., (1991): *Introduction to the Theory of Neural Computation*, Addison – Wesley Publishing Company. New York.

Download free eBooks at bookboon.com

Holland, J.H. (1975): Adaptation in natural and artificial systems. MIT Press.

Jelinek F. (1998): Statistical Methods for Speech Recognition (Language, Speech, and Communication). MIT Press, Boston, MA.

Klir, G. and Yuan B. (1995): Fuzzy Sets and Fuzzy Logic: Theory: and Applications. Prentice Hall, NJ, USA.

Kohout, L. (1999): Notes on Fuzzy Logics. Class Notes, Fuzzy Systems and Soft Computing. Department of Computer Science, Florida State University, Tallahassee, FL, USA.

Kohout, L. (2000): Foundations of Knowledge Engineering for Systems with Distributed Intelligence: A relational Approach. *Encyclopedia of Microcomputers*. Kent, A. and Williams, J. (eds.), Vol. 24, Supplement 3, Marcel Dekker Inc., NY, USA.

Koza, J.R. (1992): *Genetic Programming: On the Programming of Computers by Means of Natural Selection*. Cambridge, MA: The MIT Press.

Li, X., Ruan, D. and van der Wal, A.J. (1998): Discussion on soft computing at FLINS'96. *International Journal of Intelligent Systems*, 13, 2-3, 287–300.

McCullough, W.S., and Pitts, W.H. (1943): A logical calculus of the ideas immanent in nervous activity. *Bulletin of Mathematical Biophysics*, 5, 115–133

Michalewicz, Z. (1994): *Genetic Algorithms* + *Data Structures* = *Evolution Programs*, Second, Extended Edition. Berlin, Heidelberg, New York: Springer-Verlag.

Moussa, A.d and Kohout L. (2001): Using BK-Products of Fuzzy Relations in Quality of Service Adaptive Communication. In: *Proceedings of IFSA/NAFIPS-2001*, pp. 681–686, IEEE, Vancouver, Canada.

Mühlenbein, H. and Schlierkamp-Voosen, D. (1993): Predictive Models for the Breeder Genetic Algorithm: I. *Continuous Parameter Optimization. Evolutionary Computation*, 1 (1), pp. 25–49.

Mühlenbein, H. (1994): The Breeder Genetic Algorithm – a provable optimal search algorithm and its application. *Colloquium on Applications of Genetic Algorithms*, IEE 94/067, London.

Pohlheim, H. (2006): *Evolutionary Algorithms: Overview, Methods and Operators*. Available from www.geatbx.com.

Download free eBooks at bookboon.com

Price K. (1999): An Introduction to Differential Evolution, In Corne, D., Dorigo, M. and Glover, F. (Eds.) *New Ideas in Optimization*, McGraw-Hill, pp. 79–108.

Rabin, M.O. (1963): Probabilistic Automata, Information and Control 6 pp. 230-245.

Rechenberg, I. (1973): Evolutionsstrategie – Optimierung technischer Systeme nach Prinzipien der biologischen Evolution. Stuttgart: Frommann-Holzboog.

Rizzuto, D.S. and Kahana, M.J. (2001): An autoassociative neural network model of paired-associate learning. *Neural Computation*, 13, 2075–2092.

Russell I., Markov Z., Holder L., eds. (2005), Machine Learning and Neural Network Approaches to Feature Selection and Extraction for Classification, *Special Issue of the International Journal of Pattern Recognition and Artificial Intelligence*.

Schwefel, H.-P. (1981): Numerical optimization of computer models. Chichester: Wiley & Sons.



d free eBooks at bookboon.com

Click on the ad to read more

Spears, W.M. and De Jong, K.A. (1991): An Analysis of Multi-Point Crossover. In Rawlins, G.J.E. (ed.): *Foundations of Genetic Algorithms*. San Mateo, California, USA: Morgan Kaufmann Publishers, pp. 301–315.

Storkey, A.J. and Valabregue, R. (1999): The basins of attraction of a new Hopfield learning rule. *Neural Networks*, pp. 869–876.

Storn, R. and Price, K. (1997): Differential Evolution – A simple and efficient adaptive scheme for global optimization over continuous spaces. *Global Optimiz.*, vol. 11, pp. 341–359

Syswerda, G. (1989): Uniform crossover in genetic algorithms. In Schaffer, J.D. (ed.): *Proceedings of the Third International Conference on Genetic Algorithms*, San Mateo, California, USA: Morgan Kaufmann Publishers, pp. 2–9.

Thede, S.M. (2004): An introduction to genetic algorithms, Fundamentals, In JCSC 20, pp. 115–123.

Thrun, S. (2000): Probabilistic algorithms in robotics. AI Magazine, 21(4):93–109.

Verdegay, J.L., Ed. (2003): Fuzzy Sets-based Heuristics for Optimization. *Studies in Fuzziness*. Springer Verlag.

Zadeh, L.A. (1994): Soft Computing and Fuzzy Logic. IEEE Software 11, 6, 48-56.

Zadeh, L.A. (2001): Applied Soft Computing. Applied Soft Computing 1, 1–2

Download free eBooks at bookboon.com