

# Literaturliste

- [1] Daniel Hein, Manfred Hild, and Ralf Berger. Evolution of biped walking using neural oscillators and physical simulation. In *RoboCup: Proceedings of the International Symposium LNAI*, Springer, 2007.
- [2] Daniel Hein. Simloid: Evolution of Biped Walking Using Physical Simulation. Diplomarbeit, Department of Computer Science, Humboldt-Universität zu Berlin, 2007.
- [3] S. Nolfi and D. Floreano. *Evolutionary Robotics*. MIT Press, 2000.
- [4] Ferry Bachmann. Onboard-Evolution mit der Fahrenen Platine. Studienarbeit, Lehrstuhl für Künstliche Intelligenz, Humboldt-Universität zu Berlin, 2006.
- [5] David E. Rumelhart, Geoffrey E. Hinton, and Ronald J. Williams. Learning Internal Representations by Error Propagation. In *Parallel Distributed Processing: Explorations in the Microstructure of Cognition*, volume 1: Foundations, pages 318–362. MIT Press, 1986.
- [6] Ronald J. Williams and David Zipser. A Learning Algorithm for Continually Running Fully Recurrent Neural Networks. *Neural Computation*, 1:270 – 280, 1989.
- [7] Paul J. Werbos. Backpropagation Through Time: What It Does and How to Do It. *Proceedings of the IEEE*, 78(10):1550 – 1560, 1990.
- [8] Kenji Doya. Recurrent networks: Learning algorithms. In *The Handbook of Brain Theory and Neural Networks*. MIT Press, 2 edition, 2002.
- [9] Norbert Hoffmann. *Kleines Handbuch: Neuronale Netze*. Vieweg, Braunschweig; Wiesbaden, 1993.
- [10] Herbert Jaeger and Harald Haas. Harnessing Nonlinearity: Predicting Chaotic Systems and Saving Energy in Wireless Communication. *Science*, 304(5667):78–80, 2004.
- [11] Jochen J. Steil. Backpropagation-Decorrelation: Online Recurrent Learning With  $O(N)$  Complexity. In *Proc. IJCNN*, volume 1, pages 843–848, 2004.
- [12] Bernd Fritzke. A Growing Neural Gas Network Learns Topologies. In *Advances in Neural Information Processing Systems 7*, pages 625–632. MIT Press, 1995.

- [13] Bernd Fritzke. A Self-Organizing Network That Can Follow Non-Stationary Distributions. In *Proc. of ICANN-97, International Conference on Artificial Neural Networks*, pages 613–618. Springer, 1997.
- [14] Bernd Fritzke. *Vektorbasierte Neuronale Netze*. Habilitationsschrift, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, 1998.
- [15] Richard S. Sutton and Andrew G. Barto. *Reinforcement Learning: An Introduction*. MIT Press, Cambridge, 1998.
- [16] Pierre-Yves Oudeyer, Frédéric Kaplan, and Verena V. Hafner. Intrinsic Motivation Systems for Autonomous Mental Development. *IEEE Transactions on Evolutionary Computation*, 11, 2007.
- [17] G. A. Rummery and M. Niranjan. On-Line Q-Learning Using Connectionist Systems. Technical report, CUED/F-INFENG/TR 166, Cambridge University Engineering Department, England, 1994.
- [18] Michael Gollin. Implementation einer Bibliothek für Reinforcement Learning und Anwendung in der RoboCup-Simulationsliga. Diplomarbeit, Institut für Informatik, Humboldt-Universität zu Berlin, 2005.