

7

Referências Bibliográficas

- 1 ALEXANDER, C.; ISHIKAWA, S.; SILVERSTEIN, M. **A Pattern Language: Towns, Buildings, Construction (Center for Environmental Structure Series)**. Oxford University Press, 1977.
- 2 ALEXANDER, C. **The Timeless Way of Building**. Oxford University Press, 1979.
- 3 BACK, T. **Evolutionary Algorithms in Theory and Practice**. Oxford University Press, 1996.
- 4 BÄCK, T.; FOGEL, D. B.; MICHALEWICZ, Z. **Handbook of Evolutionary Computation**. Philadelphia: IOP Publishing, 1997.
- 5 BANSIYA, J.; DAVIS, C. G. **A Hierarchical Model For Object-Oriented Design Quality Assessment**. IEEE Trans. Software Eng., vol. 28, no. 1, pp. 4-17, january 2002.
- 6 BLICKLE, T. **Theory of Evolutionary Algorithms and Application to System Synthesis**. Dissertação de doutorado, Swiss Federal Institute of Technology, Zurique, 1996.
- 7 BRUCE, W. S. **The Application of Genetic Programming to the Automatic Generation of Object-Oriented Programs**. Ph.D. Dissertation, School of Computer and Information Sciences, Nova Southeastern University, Fort Lauderdale, 1995.
- 8 CHIDANBER, S. R.; KEMERER, C. F. **A Metrics Suíte For Objected-Oriented Design**. IEEE Trans. Software Eng., vol. 20, no. 6, pp. 476-493, june 1994.
- 9 CRUZ, A. V. A. **Otimização de Planejamentos com Restrições de Precedência usando Algoritmos Genéticos e Co-Evolução Cooperativa**. Tese de Mestrado, DEE, PUC-Rio, 2003.
- 10 DANDASHI, F. **A Method for Assessing the Reusability of Object-oriented Code Using a Validated Set of Automated Measurements**. Ph.D. Dissertation, SITE, George Mason University, Fairfax, VA, 1998.
- 11 DAVIS, L. **Handbook of Genetic Algorithms**. Van Nostrand Reinhold, 1996.
- 12 DEB, K. **Multi-Objective Optimization using Evolutionary Algorithms**. JohnWiley & Sons, New York, 2001.
- 13 DEB, K.; AGRAWAL, S.; PRATAB, A.; MEYARIVAN, T. **A Fast Elitist Non-Dominated Sorting Genetic Algorithm for Multi-Objective**

- Optimization: NSGA-II.** KanGAL report 200001, Indian Institute of Technology, Kanpur, India, 2000.
- 14 FAGERHOLT, K.; CHRISTIANSEN, M. **A Travelling Salesman Problem with Allocation, Time Window, and Precedence Constraints – an Application to Ship Scheduling.** Intl. Trans. In Op. Res. 7, 231-244, 2000.
 - 15 FAYAD, M. E.; SCHMIDT, D. C.; JOHNSON, R. E. **Implementing Application Frameworks.** John Wiley & Sons, Inc. 1999.
 - 16 FOGEL, L. J.; OWENS, A. J.; WALSH, M. J. **Artificial Intelligence Through Simulated Evolution.** John Wiley & Sons, NY, 1966.
 - 17 FONSECA, C. M.; FLEMING, P. J. **Genetic Algorithms for Multiobjective Optimization: Formulation, Discussion and Generalization.** Genetic Algorithms: Proceedings of the Fifth International Conference (S. Forrest, ed.), San Mateo, CA: Morgan Kaufmann, July 1993.
 - 18 GAMMA, E.; HELM, R.; JOHNSON, R.; VLISSIDES, J. **Design Patterns, Elements of Reusable Object-Oriented Software.** Addison-Wesley Professional, 1st edition, January, 1995.
 - 19 GENERO, M.; PIATTINI M.; MANSO, E.; CANTONE G. **Building UML Class Diagram Maintainability Prediction Models Based on Early Metrics.** IEEE Proceedings of the Ninth International Software Metrics Symposium, 2003.
 - 20 GIORDANA, A.; SAITTA, L.; ZINI, F. **Learning Disjunctive Concepts by Means of Genetic Algorithms.** Proceedings of the Eleventh International Conference on Machine Learning, Morgan Kaufmann, pp 96-104, 1994.
 - 21 GIORDANA, A.; NERI, F. **Search-Intensive Concept Induction.** Evolutionary Computation, 3(4), pp 375-416, 1996.
 - 22 GOLDBERG, D. E. **Genetic Algorithms in Search, Optimization, and Machine Learning.** Addison-Wesley Publishing Company, Inc., Reading, MA, 1989.
 - 23 GUIMARÃES, T. S. M.; PACHECO, M. A.; BARBOSA, C. R. H. **GACOM: Aplicação em um Add-in para o Excel.** I Workshop em Nanotecnologia e Computação Inspirada na Biologia 2004, PUC-Rio, Rio de Janeiro, Março de 2004.
 - 24 GUIMARÃES, T. S. M.; PACHECO, M. A.; BARBOSA, C. R. H.; VELLASCO M. R. B. **Evolução de Componentes de Software por Algoritmos Genéticos.** XV Congresso Brasileiro de Automática, Gramado, RS, Setembro de 2004.
 - 25 HAYKIN, S. **Neural Networks: A Comprehensive Foundation.** 2nd ed. Prentice-Hall, Upper Saddle River, New Jersey 07458, 1999.

- 26 HILLIS, D. W. **Co-Evolving Parasites Improve Simulated Evolution as an Optimization Procedure.** Artificial Life II, SFI Studies in the Sciences of Complexity. Volume 10, pp 313-324, Addison-Wesley, Redwood City, California, 1991.
- 27 HITZ, M.; MONTAZERI, B. **Chidanber and Kemerer's Metrics Suite: A Measurement Theory Perspective.** IEEE Trans. Software Eng., vol. 22, no. 4, pp. 67-271, Apr. 1996.
- 28 HOLLAND, J. H. **Adaptation in Natural and Artificial Systems.** MIT Press, Boston, MA, 1992.
- 29 HOLLAND, J. **Escaping Brittleness: The Possibilities of General Purpose Learning Algorithms Applied to Parallel Rule-Based Systems.** Machine Learning, Volume 2, pp 593-623, Morgan Kauffman, Los Altos, California, 1986.
- 30 HOLLAND, J. **Cognitive Systems Based on Adaptive Algorithms.** Pattern-Directed Inference Systems, Academic Press, New York, 1978.
- 31 ISEMINGER, D. **Com+ Developer's Reference Library.** Microsoft Press, 2000.
- 32 LI, W.; HENRY, S. **Object-Oriented Metrics That Predict Maintainability.** The J. Systems and Software, vol. 23, pp. 111-122, 1993.
- 33 LORENZ, M.; KIDD, J. **Object-Oriented Software Metrics.** Prentice Hall, 1994.
- 34 LUCAS, S. M. **Exploiting Reflection in Object Oriented Genetic Programming.** European Conference on Genetic Programming, 2004.
- 35 KOZA, J. R. **Genetic Programming: On the Programming of Computers by Means of Natural Selection.** MIT Press, USA, 1992.
- 36 MICHALEWICZ, Z. **Genetic Algorithms + data structures = evolution programs.** Springer-Verlag, 1996.
- 37 MITCHELL, M. **An Introduction to Genetic Algorithms.** The MIT Press, USA, 1994.
- 38 MOON, C.; KIM, J.; CHOI, G.; SEO, Y. **An Efficient Genetic Algorithm for the Traveling Salesman Problem with Precedence Constraints.** European Journal of Operational Research, 140, 606-617, 2002.
- 39 OMG **Unified Modeling Language Specification.** Version 1.5, formal/03-03-01, march 2003.

- 40 PAREDIS, J. **The Symbiotic Evolution of Solutions and Their Representations.** Proceedings of the Sixth International Conference on Genetic Algorithms, Morgan Kaufmann, San Francisco, California, pp 359-365, 1995.
- 41 POTTER, M. A.; DE JONG, K. A. **A Cooperative Co-Evolutionary Approach to Function Optimization.** The Third Parallel Problem Solving From Nature, Jerusalem, Israel, pp. 249-257, Springer-Verlag, 1994.
- 42 POTTER, M. A.; DE JONG, K. A.. **Cooperative Coevolution: An Architecture for Evolving Coadapted Subcomponents.** Evolutionary Computation 8(1): 1-29, 2000.
- 43 ROSIN, C. D.; BELEW, R. K. **Methods for Competitive Co-Evolution: Finding Opponents Worth Beating.** Proceedings of the Sixth International Conference on Genetic Algorithm, pp 373-380, Morgan Kauffman, San Francisco, California, 1995.
- 44 SCHACH, S. R. **Object-Oriented and Classical Software Engineering.** Fifth Edition. McGraw-Hill, 2002.
- 45 ZEBULUM, R. S.; Pacheco, M. A. C.; Vellasco, M. M. B. R. **Evolutionary Electronics: Automatic Design of Electronic Circuits and Systems by Genetic Algorithms.** CRC Press, Boca Raton, Florida, ISBN 0849308658, 2001.