

Referências Bibliográficas:

- [01] "Fast linear system solution by neural networks", *Luís Alfredo V de Carvalho e Valmir C. Barbosa* - COPPE/UFRJ - fevereiro 1991
- [02] "Feasible Directions Linear Programming by Neural Networks" *Luís Alfredo Carvalho e Valmir Barbosa* - COPPE/UFRJ
- [03] "A two-stage feasible directions algorithm for nonlinear constrained optimization", *J. Herskovits* - Mathematical Programming 36, pp 19-38 (1986).
- [04] "Linear and Nonlinear Programming", *David Luemberger* - Addison-Wesley Publishing Company
- [05] "Modelagem, Aplicações e Implementações de Redes Neurais" (Minicurso) , *Edson C. Filho, Teresa B. Ludermit, Wilson O. Júnior*, I Congresso Brasileiro de Redes Neurais (1994)
- [06] "A Nonlinear Programming Algorithm for Structural Optimization Problems", *J. Herkovits, N. Zonain*, Report 7-79, Programa de Engenharia Mecânica COPPE/UFRJ - 1979.
- [07] "Um Método de Aprendizado para Redes Neurais Analógicas de Hopfield com Aplicação à Compactação de Imagens", *Jane Tavares Álvares* ,Tese de Mestrado, COPPE/UFRJ - 1992.
- [08] "Um Enfoque Analógico para a solução do Problema do Caixeiro Viajante através do Método Elástico", *Maria Cláudia Silva Boeres*, Tese de Mestrado , COPPE/UFRJ - 1992
- [09] "Parameter Sensitivity of the Elastic Net Approach to the Traveling Salesman Problem", *Martin W. Simmen* , Department of Physics - University of Edinburg; Neural Computing - 3, 363-374 (1991)
- [10] "An Analysis of the Elastic Net Approach to the Traveling Salesman Problem", *Richard Durbin* - King's College Center/ Cambridge, *Richard Szeliski* - Artificial Intelligence Center/ Merlo Park CA, *Alan Yuille* - Division of Applied Sciences/ Harvard University
- [11] "Neural Networks and Fuzzy Systems, A Dynamical Approach to Machine Intelligence", *Bart Kosko* - University of Southern California - Prentice Hall
- [12] "Solução do Problema Cinemático Inverso de Robôs Redundantes via Redes Neurais", *Eduardo R. Gaspar, Luís Alfredo Vidal* - COPPE/UFRJ.
- [13] "Neural Networks, Algorithms, Applications and Programming Techniques", *James A. Freeman, David M. Skapura* - Addison-Wesley Publishing Company
- [14] "The Traveling Salesman Problem: A Neural Network Perspective", *Jean-Yves Potvin*, Centre de Recherche sur les Transports, Université de Montreal, 1993; ORSA, Journal of Computing, Vol. 5- n.4.
- [15] "On the Stability of the Travelling Salesman Problem Algorithm of Hopfield and Tank", *Wilson G. V. and Pawley G. D*, Biological Cybernetics 58, 63-70.

- [16] "Optimal Path Determination in a Graph by Hopfield Neural Network", *S. Cavaliere, A. Stefano, O. Mirabella* - Università di Catania - Neural Networks, Vol. 7, n.2 pp. 397-404 (1994)
- [17] "A Note on Two Problems in Connection with Graphs", *Dijkstra E. W.*, - Numerische Mathematik, 1, 269-271 (1959).
- [18] "Absolute Stability of Global Pattern Formation and Parallel Memory Storage by Competitive Neural Networks", *Cohen e Grossberg* (1983) - IEEE Transaction on Systems. Man and Cybernetics, 13, 815-826.
- [19] "The Solution of the Four-Color-Map Problem", Scientific American, pp. 108-121, October 1977.
- [20] "Artificial Neural Networks for Four-Coloring Map Problems and K-Colorability Problems", *Y. Takefuji e K. C. Lee* - IEEE Transactions on Circuits and Systems, Vol 38, n. 3, March 1991.
- [21] "The Complexity of Computing Steiner Minimal Trees"; *Garey e Johnson* (1977) ; SIAM, Appl. Math. 32: 835-859.
- [22] "Steiner Tree Problems"; *Hwang and Richards* (1992); Networks 22: 55-89.
- [23] "A Neural Network for the Steiner Minimal Tree Problem"; *Jayadeva, B. Bhaumik*; Biological Cybernetics - Springer-Verlag, 1994 - 70: 485-494.
- [24] "On the Shortest Spanning Tree of a Subgraph and the Travelling Salesman Problem", *Kruskal J. B.* - Proc. Am. Math. Soc. 7:48-50.
- [25] "Shortest Connection Networks"; *Prim R.C.*; Bell Syst. Tech. 36:1389-1401.
- [26] "Neural Computation of Decision Optimization Problems"; *Hopfield-Tank* (1985) - Biological Cybernetics, 52:141-152.
- [27] "Modern Heuristic Techniques for Combinatorial Problems"; *Colin Reeves*; Blackwell Scientific Publication.
- [28] "Theories on the Hopfield Neural Networks"; *Shigeo Abe*; Hitachi Research Laboratory Ltd.
- [29] "Solving Inequality Constrained Combinatorial Optimization Problems by the Hopfield Neural Networks"; *S. Abe, J. Kawakami, K. Hirasawa*; Neural Networks, vol 5, pp. 663-670 - (1992).
- [30] "A TSP Objective Function That Ensures Feasibility at Stable Points"; *Luís Alfredo Carvalho, Valmir C. Barbosa*; COPPE/UFRJ.
- [31] "On Problem Solving with Hopfield Neural Networks"; *Behzad Kangar-Pasi, Behrooz Kangar-Pasi*; Biological Cybernetics.

- [32] "A Faster Elastic-Net Algorithm for the Travelling Salesman Problem"; *M. C. Boeres e L.A Vidal de Carvalho*; COPPE/UFRJ - IBM, Rio Scientific Center.
- [33] "Convergence Properties of a Modified Hopfield-Tank Model"; *A. R. Byani*, Biological Cybernetics, Springer-Verlag, (1991)
- [34] "An Analogue Approach to the Travelling Salesman Problem Using an Elastic-Net Method"; *Richard Durbin e D. Willshaw*, Nature, Vol.326 n.6114 pp. 689-691 (1987)