

REFERÊNCIAS BIBLIOGRÁFICAS

- ALI, M. M., STOREY, C.** (1995), “*Modified Controlled Random Search Algorithms*”, International Journal of Computer Mathematics, Vol. 54, pp.229-235.
- ALI, M. M., TÖRN, A., VIITANEN, S.** (1997a), “*A Numerical Comparison of Some Modified Controlled Random Search Algorithms*”, Journal of Global Optimization, Vol. 11, pp.1703-1725.
- ALI, M. M., STOREY, C., TÖRN, A.** (1997b), “*Application of Stochastic Global Optimization Algorithms to Practical Problems*”, Journal of Optimization Theory and Applications, Vol. 92, No 2, pp.1703-1725.
- ALI, M. M., TÖRN, A.** (2004), “*Population Set-Based Optimization Algorithms: Some Modifications and Numerical Studiess*”, Computer and Operations Research, Vol.31, pp.1703-1725.
- AMORIM, J. C. C.** (1987), “*Cálculo do Escoamento Potencial em Perfis Aerodinâmicos Isolados e em Grades de Turbomáquinas*”, Dissertação de Mestrado, Universidade Federal de Itajubá, Itajubá, MG.
- BETZ, A., FLÜGGE-LOTZ, I.** (1938), “*Berechnung der Schaufeln von Kreiselaedern*” (Cálculo das Pás de Rotores Radiais), Ingenieur-Archiv, vol. 9, pp. 486-501.
- BIRNBAUM, W.** (1923), “*Die Berechnung der Strömung durch Schaufelgitter*”, Sulzer Tech. Rundschau, 1-25.

- BROWN, B. W., LOVATO J., RUSSELL K.** (1994), “*Library of Fortran Routines for Random Number Generation*”, <http://www.netlib.org/random/ranlib.f.tar.gz> , endereço acessado em 29/06/2006.
- DAVIS, L.** (1991), “*Handbook of Genetic Algorithms*”, Van Nostrand Reinhold, New York
- EMERY, J. C., HERRIG, L. J., ERWIN, J. R., FELIX, A. R.** (1958), “*Systematic Two-Dimensional Cascade Tests of NACA 65-Series Compressor Blades at Low Speeds*”; NACA Report 1368, Langley Aeronautical Laboratory.
- GIESING, J.P.** (1964), “*Extension of the Douglas Newman Program to Problems of Lifting, Infinite Cascade*”, Douglas Aircraft Co., Inc., Report nº LB-31653.
- GIRARDI, R. M., BIZARRO, A. F.** (1995), “*Modification of the Hess-Smith Method for Calculating Cascades and Airfoils with Cusped Trailing Edge*”, Proceedings of the 13th Brazilian Congress and 2nd Iberian American Congress of Mechanical Engineering, (XIII COBEM), Belo Horizonte, MG.
- GLAUERT, H.** (1924), “*A theory of Thin Aerofoils*”, Aeronautical Research Council Report and Memorandum, 910.
- GOLDBERG, D.E.** (1989), “*Genetic Algorithms in Search, Optimization and Machine Learning*” Addison-Wesley Longman Publishing Co., Inc. Boston, MA, USA.
- GOSTELOW, J.P.** (1975), “*Trailing Edge Flows Over Turbomachine Blades and the Kutta-Joukowsky Condition*”, ASME Paper nº 75-GT-94.
- HESS, J. L., SMITH, A.M.O.** (1967), “*Calculation of Potential Flow about Arbitrary Bodies*”, Progress in Aeronautics Sciences, Vol 8, pp 1-138.
- HICKS, M. R., MURMAN, M. E., VANDERPLAATS, G. N.** (1974), “*An assessment of airfoil design by numerical optimization*”, NASA TM-3092.
- HOLST L. T.; PULLIAN, T. H.** (2003), “*Evaluation of Genetic Algorithm Concepts Using Model Problems – Part I: Single-Objective Optimization*”, NASA TM-212812, pp 1-36.

- ISAY, W. H.** (1954), “*Beitrag zur Potentialströmung durch radiale Schaufelgitter*” (Contribuição para o escoamento potencial em grades radiais), *Ingenieur-Archiv*, Vol. 32, pp. 203-210.
- LEWIS, R. I.** (1991), “*Vortex Element Methods for Fluid Dynamic Analysis of Engineering Systems*”, Cambridge Press, Cambridge.
- LIEBECK, R.H.** (1973), “*A Class of Airfoils Designed for High Lift in Incompressible Flow*”, *Journal of Aircraft*, Vol. 10, No 10, pp. 610-617.
- LIEBLEIN, S.** (1959), “*Loss and Stall Analysis of Compressor Cascades*”, *ASME Journal of Basic Engineering*, Vol. 81, pp. 387-400.
- MANZANARES FILHO, N.** (1994), “*Análise do Escoamento em Máquinas de Fluxo Axiais*”, Tese de Doutorado, Instituto Tecnológico de Aeronáutica, São José dos Campos, SP.
- MANZANARES FILHO, N., MOINO, C. A. A., JORGE, A. B.** (2005), “*An Improved Controlled Random Search Algorithm for Inverse Airfoil Cascade Design*”, *Proceedings of the 6th World Congresses of Structural and Multidisciplinary Optimization*, Paper No 4451, Rio de Janeiro, Brazil.
- MARTENSEN, E.** (1971), “*The Calculation of the Pressure Distribution on a Cascade of Thick Airfoils by Means of Fredholm Integral Equations of the Second Kind*”, NASA TT F-702.
- MAVRIPLIS, F.** (1971), “*Aerodynamic Research on High Lift Systems*”, *Canadian Aeronautics and Space Journal*, Vol. 17, pp. 175-183.
- NELDER, J. A., MEAD, R.** (1965), “*A Simplex Method for Function Minimization*”, *Computer Journal*, Vol. 7, pp. 308-313.
- OBAYASHI S., TSUKAHARA, T.** (1996), “*Genetic Optimization of Target Pressure Distributions for Inverse Design Methods*”, *AIAA Journal*, Vol. 34, No 5, pp. 881-886.

- OBAYASHI, S., TSUKAHARA, T.** (1997), “*Comparison of Optimization Algorithms for Aerodynamics Shape Design*”, AIAA Journal, Vol. 35, No 8, pp. 1413-1415.
- OYAMA, A., FUJII, K., SHIMOYAMA, K., LIOU, M-S.** (2005), “*Pareto-Optimality-Based Constraint-Handling Technique and Its Application to Compressor Design*”, 17th AIAA CFD Conference, paper AIAA 2005-4983.
- PETRUCCI, D. R.** (1998), “*Problema Inverso do Escoamento em Torno de Perfis Aerodinâmicos Isolados e em Grades de Turbomáquinas*”, Dissertação de Mestrado, Universidade Federal de Itajubá, Itajubá, MG.
- PETRUCCI, D. R.** (2003), “*Métodos Inversos para o Projeto Aerodinâmico de Grades de Turbomáquinas Axiais*”, Tese de Doutorado, Universidade Federal de Itajubá, Itajubá, MG.
- PLOTKIN, A.** (1990), “*Comment to ‘Improved Thin-Airfoil Theory’*”, Journal of Aircraft, Vo. 27, N° 5, pp.478-479. (referindo-se a uma comunicação pessoal de J. L. Hess, 1989)
- PRICE, W. L.** (1977), “*Global Optimization by Controlled Random Search*”, Computer Journal, Vol. 20, No 4, pp. 367-370.
- PRICE, W. L.** (1983), “*Global Optimization by Controlled Random Search*”, Journal of Optimization Theory and Applications Vol. 40, No 3, pp. 333-348.
- PRICE, W. L.** (1987), “*Global optimization algorithms for a CAD workstation*”, Journal of Optimization Theory and Applications, Vol. 55, No 1, pp. 133-146.
- ROGALSKY, T., DERKSEN, R. e KOCABIYIC, S.** (1999), “*An Aerodynamics Design Technique for Optimizing Fan Blade Spacing*”, Proceedings of the 7th Annual Conference of the Computational Fluid Dynamics Society of Canada, Halifax, pp. 2-29 – 2-34.
- STAUFER, F.** (1936), “*Verfahren zur Bestimmung der Schaufel-Form um Laufender Kreisfoermiger Schufelgitter*”(Método de Determinação da Forma das Pás de Grades Radiais Móveis), Wasserkraft und Wasserwirtschaft, Vol. 31, p. 212.

STORN, R., PRICE, K. (1997), “*Differential Evolution – A Simple and Efficient Heuristic for Global Optimization over Continuous Spaces*”, *Journal of Global Optimization*, Vol. 11, pp. 341–359,

VANDERPLAATS, G. N. (1979), “*Efficient Algorithm for Numerical Airfoil Optimization*”, *Journal of Aircraft*, Vol. 16, No 12, pp. 842-847.

VENKATARAMAN, P. (1995), “*A New Procedure for Airfoil Definition*”, 13th Applied Aerodynamic Conference, AIAA, Paper 95–1875-CP, San Diego, USA.

YIU, K. F. C. (1994), “*Computational Methods for Aerodynamic Shape Design*”, *Mathematical and Computer Modelling*, Vol. 20, No. 12, pp. 3-29.