

8. References

- [1] BREMERMANN, H. J. **Optimization through evolution and recombination.** In: Self-Organizing systems. Washington D.C.: Spartan Books, pp. 93-106, 1962.
- [2] BREMERMANN, H. J. **Quantum noise and information.** In: 5TH BERKELEY SYMPOSIUM ON MATHEMATICAL STATISTICS AND PROBABILITY. Berkeley: Univ. of California Press, 1965.
- [3] BREMERMANN, H. J. **The evolution of intelligence. The nervous system as a model of its environment.** In: ONR Report, n. 1. Seattle: University of Washington, 1958.
- [4] ZADEH L. A., **Fuzzy sets and systems.** In: System Theory. Brooklyn: Polytechnic Press, pp. 29-39, 1965.
- [5] RECHENBERG I., **Evolutionsstrategie - Optimierung technischer Systeme nach Prinzipien der biologischen Evolution,** PhD Thesis, Fromman-Holzboog, 1973.
- [6] SCHWEFEL H. P., **Numerische Optimierung von Computer-Modellen,** PhD Thesis, Birkhäuser, Basle, 1977
- [7] VELENIS E., TSIOTRAS P., Minimum **Time vs Maximum Exit Velocity Path Optimization During Cornering.** In: IEEE INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS. Atlanta: Georgia Institute of Technology, pp. 355–360, 2005.
- [8] VELENIS, E.; TSIOTRAS, P. **Optimal Velocity Profile Generation for Given Acceleration Limits.** In: The Half-Car Model Case Scholl of Aerospace Engineering. Atlanta: Georgia Institute of Technology, 2006.
- [9] MILLIKEN W. F.; MILLIKEN, D. L. **Race car vehicle dynamics.** SAE International, 1995.

- [10] COSSALTER, V. et al. **General Method for the Evaluation of Vehicle Maneuverability with Special Emphasis on Motorcycles**. In: Vehicle System Dynamics, Padova:, v. 31, pp 113–135, 1999.
- [11] SPERANZA NETO, M.; CARRERA, D. H. Z. **Trajectory of High Speed Ground Vehicles in Predefined Tracks Using Optimization Techniques**. In: 19TH INTERNATIONAL CONGRESS OF MECHANICAL ENGINEERING, 2007.
- [12] SPERANZA NETO, M.; HEY, F. **Behavior of Ground Vehicles in Closed Paths Using Linear and Nonlinear Dynamic Models in a Control Loop** In: 19TH INTERNATIONAL CONGRESS OF MECHANICAL ENGINEERING, Brasília, 2007.
- [13] BASTIAN, A. et al. **System overview and special features of FATE: Fuzzy Logic Automatic Transmission Expert System**. In: INTERNATIONAL JOINT CONFERENCE OF THE 4TH INTERNATIONAL IEEE CONFERENCE ON FUZZY SYSTEMS AND THE 2ND INTERNATIONAL FUZZY ENGINEERING SYMPOSIUM. Yokohama:, pp. 1063-1070, 1995.
- [14] SAKAGUCHI, S.; SAKAI, S; HAGA, T. **Application of Fuzzy Logic to shift scheduling method for Automatic Transmission**. In: THE 2ND IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS. San Francisco: Honda R&D Co Ltd,1993.
- [15] SPERANZA NETO, M.; RIBEIRO, S. **SVDV-Collision: A Land Vehicle Collision Analysis and Accident Reconstruction Software with Friendly Interface**. In: SAE BRASIL INTERNATIONAL CONGRESS, 2006.
- [16] THE MATHWORKS INC.. **Optimization Toolbox for Use with MATLAB User's Guide**. Natick:, pp. 5–53, 1990.
- [17] CALDAS, A. C. I. L.. **Validação Metrológica de um Sistema de Aquisição de Dados para Aplicação em Testes Veiculares**. Master Dissertation (Metrology), Rio de Janeiro: PUC-Rio, 2008.
- [18] MACADAM, C. C. **Application of an Optimal Preview Control for Simulation of Closed Loop Automobile Driving**. In: IEEE Transactions on Systems, Man, and Cybernetics, v.11, n. 6, 1981.

- [19] HATWAL, H.; MIKULCIK, E. C. **Some Inverse Solutions to an Automobile Path-Tracking Problem with Input Control of Steering and Brakes.** In: Vehicle System Dynamics, pp. 61–71, 1986.
- [20] HENDRIKX, J. P. M.; MEIJLINK, T. J. J.; KRIENS, R. F. C. **Application of Optimal Control Theory to Inverse Simulation of Car Handling,** In: Vehicle System Dynamics, pp. 449–461, 1986.
- [21] BERNARD, J.; PICKELMANN, M. **An Inverse Linear Model of a Vehicle,** In: Vehicle System Dynamics, pp. 179–186, 1986.
- [22] Trom, J. D.; Vanderploeg, M. J.; Bernard, J. E. **Application of Inverse Models to Vehicle Optimization Problems.** In: Vehicle System Dynamics, pp. 97–110, 1986.
- [23] Freund, E.; Mayr, R. **Nonlinear Path Control in Automated Vehicle Guidance.** In: IEEE Transactions on Robotics and Automation, v. 13, n. 1, 1997.