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Bibliografia

- [1] SPINOLA, A. L. Modelagem e Controle Não Linear da Direção de Um Veículo Terrestre. Dissertação de Mestrado – PUC-Rio, DEE, 19 de Dezembro de 2003, Rio de Janeiro, RJ, Brasil;
- [2] SPINOLA, A. L., SPERANZA NETO, M., DA SILVEIRA, M. A. A Piecewise Nonlinear Control Applied to Vehicular Dynamics. In: Proceedings of the 18th International Congress of Mechanical Engineering, November 6-11, 2005, Ouro Preto, MG, Brasil;
- [3] TAKATA, H. An Automatic Choosing Control for Nonlinear Systems. In: Proceedings of the 35th Conference on Decision and Control, Kobe, Japan, December 1996;
- [4] MACK, J. (edited by). ABS-TCS-VDC Where Will the Technology Lead Us?, SAE International PT-57, 1996;
- [5] JOHANSON, R., RANTZER, A. (Eds.). Nonlinear and Hybrid Systems in Automotive Control, SAE International, 2003;
- [6] WONG, J. Y. Theory of Ground Vehicles. J. Wiley & Sons, second ed. 1993;
- [7] GILLESPIE, T. D. Fundamentals of Vehicle Dynamics. Warrendale, SAE, 1992;
- [8] GENTA, G. Motor Vehicle Dynamics – Modeling and Simulation. Singapore: World Scientific Publishing, 1997;
- [9] KIENCKE, U., NIELSEN, L. Automotive Control Systems. Warrendale, SAE, 2000;
- [10] BRANDÃO, F. T. V. Integrated Control of Vehicle Chassi Systems. Tese de Doutorado em Engenharia Automotiva, Loughborough University, Inglaterra, abril de 2004;
- [11] JURGEN, R. K. (Editor). Electronic Steering and Suspension Systems. SAE International, PT-77, 1999;
- [12] JURGEN, R. K. (Editor). Electronic Braking, Traction and Stability Controls. Vol.2, SAE International, PT-129, 2006;
- [13] JURGEN, R. K. (Editor). Adaptive Cruise Control. SAE International, PT-132, 2006;
- [14] BERARDI, L., DE SANTIS, E., DI BENEDETTO, M. D., POLA, G. Approximation of Maximal Controlled Safe Sets for Hybrid Systems. In: Nonlinear and Hybrid Systems in Automotive Control, SAE International, 2003;

- [15] DOREA, C. E. T., HENNET, J. C. Computational of Maximal Admissible Sets of Constrained Linear Systems. In: Proceedings of 4th IEEE Med. Symposium, 286-291, Krete (Greece), 1996;
- [16] DE SANTIS, E., DI BENEDETTO, M. D., BERARDI, L. Computation of Maximal Safe Sets for Switching Systems. In: IEEE Transactions on Automatic Control, vol. 49, no. 2, february 2004;
- [17] BERARDI, L., DE SANTIS, E., DI BENEDETTO, M. D., POLA, G. Controlled Safe Sets for Continuous Time Linear Systems. In: Proceedings of the European Control Conference, 803-808, 2001;
- [18] BERARDI, L., DE SANTIS, E., DI BENEDETTO, M. D. Hybrid Systems with Safety Specifications – Procedures for the Computation and Approximations of Controlled Invariant Sets. Relatório de Pesquisa do Departamento de Engenharia Elétrica, Universidade de Áquila (Itália), dezembro de 2002;
- [19] MOKHIAMAR, O., ABE, M. How The Four Wheels Should Share Forces In An Optimum Cooperative Chassi Control. In: Control Engineering Practice, vol. 14, pp. 295-304, 2006;
- [20] HATTORI, E. O., MURAGISHI, Y., KOIBUCHI, K. Vehicle Dynamics Integrated Control for Four-wheel-distributed Steering and Four-wheel-distributed Traction/Braking Systems. In: Vehicle System Dynamics, vol. 44, no. 2, pp. 139-151, 2006;
- [21] GIETELINK, O., PLOEG, J., DE SCHUTTER, B., VERHAEGEN, M. Development of Advanced Driver Assistance Systems with Vehicle Hardware-in-the-loop Simulations. In: Vehicle System Dynamics, vol. 44, no. 7, pp. 569-590, 2006;
- [22] PASILLAS-LÉPINE, W. Hybrid Modeling and Limit Cycle Analysis for a Class of Five-phase Anti-lock Brake Algorithms. In: Vehicle System Dynamics, vol. 44, no. 2, pp. 173-188, 2006;
- [23] MOKHIAMAR, O., ABE, M. Effects Of An Optimum Cooperative Chassi Control From The Viewpoint Of Tire Workload. In: JSAE Transactions, vol. 35, no. 3, pp. 215-221, 2004;
- [24] HATTORI, Y., KOIBUCHI, K., YOKOYAMA, T. Force and Moment Control With Nonlinear Optimum Distribution For Vehicle Dynamics. In: Proceedings of the 6th International Symposium on Advanced Vehicle Control, pp. 595-600, 2002;
- [25] ANDRZEJEWSKI, R., AWREJCEWICZ, J. Nonlinear Dynamics of a Wheeled Vehicle, 1st edition New York: Springer Science Business Media, 2005. 328p;
- [26] VLACIC, L., PARENT, M., HARASHIMA, F. (editado por). Intelligent Vehicle Technologies, SAE International, 2001;
- [27] RAJAMANI, R. Vehicle Dynamics and Control. Springer, 2006;
- [28] LI LI & WANG, F.-Y. Advanced Motion Control and Sensing for Intelligent Vehicles. Springer Science Business Media, 2007;

- [29] RILL, G. Vehicle Modeling by Subsystems. In: Journal of the Brazilian Society of Mechanical Sciences & Engineering (ABCM), vol. XXVIII, no. 4, pp. 430-442, 2006;
- [30] RILL, G. Vehicle Modeling for Real Time Applications. In: Journal of the Brazilian Society of Mechanical Sciences & Engineering (ABCM), vol. XIX, no. 2, pp. 192-206, 1997;
- [31] RILL, G. Wheel Dynamics. In: Proceedings of the XII International Symposium on Dynamic Problems of Mechanics (DINAME 2007), ABCM, Ilhabela, SP, Brazil, February 26 – March 2, 2007;
- [32] RILL, G. A Modified Implicit Euler Algorithm for Solving Vehicle Dynamic Equations. Multibody System Dynamics, vol. 15, no. 1, pp. 1-24, 2006;
- [33] LAUER, P., SEMMLER, J., RIETH, P. E. Simulation based Development within Global Chassis Control. Proceedings of the 2006 IEEE Conference on Computer Aided Control Systems Design. Pp. 2309-2314. Munich, Germany, October 4-6, 2006;
- [34] GORDON, T., HOWELL, M., BRANDAO, F. Integrated Control Methodologies for Road Vehicles. Vehicle System Dynamics, vol. 40, nos. 1-3, pp. 157-190, 2003;
- [35] CHANG, S. A Flexible Hierarchical Model-based Control Methodology for Vehicle Active Safety Systems. Ph.D. Thesis, Department of Mechanical Engineering, The University of Michigan, 2007;
- [36] GUTMAN, P. O., CWICKEL, M. Admissible Sets and Feedback Control for Discrete-Time Linear Dynamical Systems with Bounded Controls and States. In: IEEE Transactions on Automatic Control, vol. 31, no. 4, April 1986;
- [37] COSTLOW, T. Taking Control of Safety. In: Automotive Engineering International, vol. 114, no. 06, Junho 2006;
- [38] JURGEN, R. K. (Editor). Electronic Transmission Controls. SAE International, PT-79, 2000;
- [39] JURGEN, R. K. (Editor). Sensors and Transducers. 2a edição. SAE International, PT-105, 2003;
- [40] YOU, S.-S. & CHAI, Y.-H. Multi-objective Control Synthesis: an Application to 4WS Passenger Vehicles. In: Mechatronics, vol. 9, no. 4, pp. 363-390, 1999;
- [41] GUZZELLA, L. & SCIARRETTA, A. Vehicle Propulsion Systems: Introduction to Modeling and Optimization. 2a edição. Springer-Verlag, 2007;
- [42] MIZUTANI, S. Car Electronics. 1a edição. Nippondenso Co. Ltd., 1992;
- [43] _____. Distributed Embedded Systems Engineering, 2007. SAE International, SP-2085, 2007;

- [44] HOLT, D. J. Electric Steering: A Revolution in Steering Technology. SAE International, 2002;
- [45] _____. Simulation & Modeling Mechatronics. SAE International, SP-2111, 2007;
- [46] SHIBAHATA, Y. Progress and future direction of Chassis control technology. Annual Reviews in Control, no. 29, pp. 151-158, 2005;
- [47] JAZAR, N. REZA. Vehicle Dynamics, Theory and Application. Springer Science + Business Media, LLC, 2008;
- [48] SLOTINE, J.-J. E. & LI, W. Applied Nonlinear Control. Prentice Hall, Englewood Cliffs, New Jersey, 1991;
- [49] DORF, R. C. & BISHOP, R. H. Sistemas de Controle Modernos (tradução para o português). LTC Editora, 8ª edição, Rio de Janeiro, 2001;
- [50] OGATA, K. Engenharia de Controle Moderno (tradução para o português). Prentice/Hall do Brasil, 2ª edição, Rio de Janeiro, 1993.
- [51] KARNOPP, D. C., MARGOLIS, D. L. & ROSENBERG, R. C. System Dynamics: A Unified Approach. 2nd edition, John Wiley & Sons, 1990.
- [52] SPERANZA NETO, M. & DA SILVA, F. R. Modelagem e Análise de Sistemas Dinâmicos. Apostila de aula, PUC-Rio, 2005.