

## References :

- [1] N. J. Schouten, Mutasim, A. Salman and N. A. Kheir, "Fussy Logic Control for Parellel Hybrid Vehicles," IEEE Trans. on Control Tech. vol. 10, no. 3, May 2002.
- [2] E. Cerruto, A. Consoli, A. Raciti, and A. Testa, "Energy Flow Management in Hybrid Vehicle by Fuzzy Logic Controller," University di Ctania, Viale Andrea Doria. 6 95125, Catania Italy.
- [3] B. M. Baumann, G. Washington, B. C. Glenn and G. Rizzani, "Mechatronic Design and Control of Hybrid Electric Vehicles," IEEE/ASME Trans. on Mechatronics, Vol. 5, no 1, March 2000.
- [4] R. Langari and J. S. Won, "Intelegant Energy Management Agent for a Parellel Hybrid Vehicle – PartI : System Architecture and Design of the Driving Situation Identification Process," IEEE Trans. on Vehi. Tech., vol. 5, no. 3, May 2005, pp 925-934.
- [5] J. S. Won and P. Langari, "Intelegant Energy Management Agent for a Parellel Hybrid Vehicle – PartII : Torque Distribution, Charge Sustenance Strategies, and Performance Results ," IEEE Trans. on Vehi. Tech., vol. 54, no. 3, May 2005, pp 935-953.
- [6] C. Manzie, H. Watson and S. Halgamuge, "Fuel Economy Improvement for Urban Driving Hybrid vs Intelligent Vehicles," Transportation Research C 15(2007) pp.1-16, University of Melbourne
- [7] L. Wang, "Hybrid Electric Vehicle Design Based On A Multi-Objective Optimization Evolutionary Algorithm," W. J. Karplus Summer Research Grant Report 2005, Department of Electrical and Computer Engineering, Texas A&M University College Station, Texas 77843.

- [8] M. Montazeri, and A. Poursamad, "Application of genetic algorithm for simultaneous optimization of HEV component sizing and control strategy," *Int. J. Alternative Propulsion*, Vol. 1, No. 1, 2006, pp 63-78.
- [9] A. Milani, "Online Genetic Algorithms," *International Journal "Information Theories & Applications"*, Vol.11, pp 20-28.
- [10] G. T. Pulido and C. A. Coello Coello, "The Micro Genetic Algorithm 2: Towards On-Line Adaptation in Evolutionary Multiobjective Optimization," CINVESTAV-IPN, Evolutionary Computation Group, Depto. de Ingenier'ia El'ectrica, Secci'on de Computaci'on, Av. Instituto Polit'ecnico Nacional No. 2508, Col. San Pedro Zacatenco, M'exico, D. F. 07300.
- [11] Y. L. Zhou, "Modeling and Simulation of Hybrid Electric Vehicles," Master Thesis, Department of Mechanical Engineering, University of Science & Tech, Beijing, China, 2005.
- [12] "Hybrid Synergy Drives - Toyota Hybrid Systems (THS)," Toyota Motor Corporation, Public Affairs Division, 4-8 Koraku 1-chome, Bunkyo-ku, Tokyo, 112-8701 Japan May 2003.
- [13] Toyota Prius User-Guide, Third Edition, First Revision for the HSD model (2004 & 2005- last updated on 20-08-2005)
- [14] K. F. Egeback and S. Bucksch, "Hybrid Electric Vehicles. An Alternative for the Swidish Market?," KFB-Report, 2000:53, October 2000.
- [15] "Hybrid Electric Drive Heavy Duty Vehicle Testing Project - Final Emissions Report," Northeast Advanced Vehicle Consortium M. J. Bradley & Associates, Inc. West Virginia University, February 2000.
- [16] R. Graham, "Comparing the Benefits and Impacts of HEV Options, Final report, July 2001," EPRI, Palo Alto, CA, 2001.1000349.

- [17] A. Chipperfield, P. Fleming, H. Pohlheim and L. Fonseca, "Genetic Algorithm Tool Box- for Use with MATLAB," University of Sheffield, Users Guide version 1.2, pp 1-37.
- [18] T. Nanayakkara, "Factory Automation," Guide Book, Industrial Automation Research Center, University of Moratuwa, Sri Lanka, 2004.
- [19] D. A. Niemeier, T. Limanond and J. E. Morey, "Data Collection for Driving Cycle Development : Evaluation of Data Collection Protocols, Final, October 1999." Department of Civil and Environmental Engineering, Institute of Transportation, University of California, Davis.
- [20] "Freedom CAR & Vehicle Technologies Program," Publication of Department of Energy, U.S.A, January 2004.
- [21] R. Hodkinson and J. Fenton, "Lightweight Electric/Hybrid Vehicle Design," Butterworth-Heinemann, Oxford, First Publish, ISBN 0 7506 5092 3, 2001.
- [22] K. Oh, D. Kim, T. Kim, C. Kim and H. Kim, "Efficiency Measurement and Energy Analysis for a HEV Bench tester and development of Performance Simulator," International Journal of Automotive Technology, vol. 6, No.5, 2005.
- [23] A. Burke, "Present Status and Marketing Prospects of the Emerging Hybrid-Electric and Diesel Technologies to Reduce CO<sub>2</sub> Emissions of New Light-Duty Vehicles in California," eScholarship Repository, Institute of Transportation Studies, University of California, Davis, 2004.
- [24] S. Schmidt, "Eco Test," Testing and Assessment Protocol Release 2.0, ADAC/FIA Foundation for the Automobile and Society, vol. 1, 2003.

- [25] D. Corrigan, I. Menjak, B. Cleto, S. Dhar and S. Ovshinsky, "Nickel-Metal Hydride Batteries For ZEV-Range Hybrid Electric Vehicles," Ovonic Battery Company, Troy, Michigan, USA.
- [26] Y. Muragishi and E. Ono, "Application of Hybrid Control Method to Braking Control System with Estimation of Tire Force Characteristics," R&D Review of Toyota, CRDL Vol. 38. No. 2, pp22-30.



University of Moratuwa, Sri Lanka.  
Electronic Theses & Dissertations  
[www.lib.mrt.ac.lk](http://www.lib.mrt.ac.lk)