PUBLICATIONS

Journal(s)

• IREACO Vol.6 – No.4, Issue July 2013 (SCOPUS)

M. K. Abbas, M. N. Karsiti, M. Napiah, and S. Brahim. (2013, July). Integrated Self-Organized Traffic Light Controllers for Signalized Intersections. *International Review of Automatic Control (IREACO)*. 6(4), pp. 481-488. Available: http://www.praiseworthyprize.com/IREACO-latest/IREACOvol_6_n_4.html.

• IJCEE (ELSEVIER – Science-Direct, IF: 0.970) (Accepted)

M. K. Abbas, M. N. Karsiti, M. Napiah, and S. Brahim. (2014, February). High Accuracy Traffic Light Controller for Increasing the Given Green Time Utilization. Int. J. *Comput. & Electrical Eng.*.

Conference(s)

• SCORED 2011 (IEEE-Xplore)

M. K. Abbas, M. N. Karsiti, M. Napiah, and B. B. Samir, "Dynamic Traffic-Light Phase Plan Protocol (DT3P)," *In Proc. 9'th IEEE Student Conf. Research and Develop.*, Cyberjaya, Malaysia, SCOReD, December, 2011, pp. 154-159.

• NPC 2011 (IEEE-Xplore)

M. K. Abbas, M. N. Karsiti, M. Napiah, and B. B. Samir, "Traffic Light Control Using VANET System Architecture," *In Proc. Nat. Postgraduate Conf. 2011*, Perak, Malaysia, NPC, Sept 2011, pp.1066-1071.

• ISWTA 2011 (SCOPUS)

M. K. Abbas, M. N. Karsiti, M. Napiah, and B. B. Samir, "Traffic Light Control via VANET System Architecture," *In Proc. 2011 IEEE Symp. Wireless Technology and Applicat.*, Langkawi, Malaysia, ISWTA, September, 2011.

• ICPE 2010 (Proceedings)

M. K. Abbas, M. N. Karsiti, M. Napiah, and B. B. Samir, "System Architecture for VANET Applications," *In Proc. 4th Int. Conf. Postgraduate Education*, Kuala Lumpur, Malaysia, ICPE, November, 2010, pp. 521-525.

• ICSM 2010 (Industry Conference)

M. K. Abbas, M. N. Karsiti, and M. Napiah, "A System Architecture and Its Protocol to Ease the Traffic Flow at Road Intersections," Presented at the Int. Conf. Sustainable Mobility, Kuala Lumpur, ICSM, November 2010.

• ICIS 2011 (Accepted)

M. K. Abbas, M. N. Karsiti, M. Napiah, and B. B. Samir, "A VANET System Architecture for Controlling Traffic Light," In: IEEE Int. Conf. on Intelligent Computing and Intelligent Systems, Guangzhou, China, ICIS, November, 2011.

• CNSCE 2014 (Accepted)

M. K. Abbas, M. N. Karsiti, M. Napiah, and B. B. Samir, "High Accuracy Traffic Light Controller for Increasing the Given Green Time Utilization," In: Int. Conf. Comput., Network Security and Commun. Eng., ShenZhen, China, CNSCE, February 2014.

REFERENCES

- [1] WSDOT Urban Planning Office. Urban Congestion Relief. Washington State Dept. of Transportation. Available: http://www.wsdot.wa.gov/planning /Studies/UrbanCongestionRelief/default.htm. Retrieved: May, 2014.
- [2] L. Balut, and S. Dinu, "A Fuzzy Approach for an Intelligent Traffic Light Controller," *In Proc. 2nd Int. Conf. Manufacturing Eng.*, *Quality And Production Sys.*, Constantza, MEQAPS, Romania, 2010, pp. 38-42.
- [3] Federal Highway Administration. Traffic Congestion and Reliability: Linking Solutions to Problems. U.S. Dept. of Transportation. Available: http://www.ops.fhwa.dot.gov/congestion_report_04/chapter4.htm. Retrieved: May, 2014.
- [4] E. A. Mueller, "Aspects of the History of Traffic Signals," *IEEE Trans. Veh. Technology*, vol. 19, no. 1, pp.6-17, 1970.
- [5] N. C. Ficklin, "For And Against Semi-actuated Traffic Signal Control," Traffic Eng., Inst Traffic Engr, vol. 43, no. 6, pp. 20-5, Mar., 1973.
- [6] J. Singla. Design and Development of Sensor Based Traffic Light System. Scribd Documents. Available: http://www.scribd.com/doc/4205393
 3/Design-and-Development-of-Sensor-Based-Traffic-Light-System. Retrieved: May, 2014.
- [7] S. D. Elliott, and D. J Dailey, "Intelligent Transportation System," in *Wireless Communications for Intelligent Transportation Systems*, First ed., 1995.
- [8] Nat. Research Council (U.S.), Intelligent Transportation Systems And Vehicle-Highway Automation, Transportation Research Board, 2010.
- [9] K. K. Tan, M. Khalid, and R. Yusof, "Intelligent Traffic Lights Control By Fuzzy Logic," Artificial Intelligence Center, Universiti Teknologi Malaysia, Malaysian J. of Comput. Sci., vol. 9, no. 2, pp. 29-35, Dec., 1996.
- [10] T. Kosch, C. Adler, S. Eichler, C. Schroth, and M. Strassberger, "The Scalability Problem of Vehicular Ad Hoc Networks and How to Solve it," IEEE Wireless Commun. Mag., vol. 13, no. 5, pp. 22-28, Oct., 2006.
- [11] C. Schroth, M. Strassberger, R. Eigner, S. Eichler, "A Framework for Network Utility Maximization in VANETs," *In Proc. of the 3rd ACM Int. Workshop on Vehicular Ad Hoc Networks (VANET)*, Los Angeles, USA, pp. 86-87, 2006.

- [12] C. Toh. "Future Applicat. Scenarios for MANET-based Intelligent Transportation System," *In Proc. of IEEE Future Generation Commun. and Networking (FGCN) Conf.*, vol. 2, pp 414-417, 2007.
- [13] J. Gozalvez, M. Sepulcre and R. Bauza, "IEEE 802.11p Vehicle to Infrastructure Communications in Urban Environments," IEEE Communications Mag., vol. 50, no. 5, pp. 176–183, May 2012.
- [14] N. Maslekar, M. Boussedjra, J. Mouzna, and H. Labiod. "VANET Based Adaptive Traffic Signal Control," *in Proc. Veh. Technology Conf.*, Budapest, pp. 1-5, 2011.
- [15] K. Gajananan, S. Sontisirikit, J.Zhang, M. Miska, E. Chung, S. Guha, and H. Prendinger, "A Cooperative ITS Study On Green Light Optimisation Using An Integrated Traffic, Driving, And Communication Simulator," *In Proc. Of the Australasian Transport Resedarch Forum, Brisbane, Australia*, pp. 1-13, 2013.
- [16] J. Haerri, F. Filali, and C. Bonnet, "Mobility Models For Vehicular Ad Hoc Networks: A Survey And Taxonomy," IEEE Communications Surveys & Tutorials, vol.11, no. 4, pp.19-41, Dec. 2009.
- [17] H. Menouar, EURECOM, F. Filali, and M. Lenardi, "A Survey And Qualitative Analysis Of Mac Protocols For Vehicular Ad Hoc Networks," IEEE Wireless Communications, vol.13, no. 5, pp. 30-35, Nov. 2006.
- [18] S. Al-Sultan, M. M. Al-Doori, A. H. Al-Bayatti, and H. Zedan, "A Comprehensive Survey on Vehicular Ad-hoc Networks," Journal of Network and Computer Applications, vol. 37, pp. 380–392, Jan. 2014.
- [19] S. K. Bhoi, and P. M. Khilar, "Vehicular Communication: A Survey," IET Networks, vol. E-First, Oct. 2013.
- [20] J. Blum, A. Eskandarian, and L. Hoffman, "Challenges Of Intervehicle Ad Hoc Networks," IEEE Transactions of Intelligent Transportation Systems, vol. 5, no.4, pp. 347-351, Dec. 2004.
- [21] M. Torrent-Moreno, M. Killat and H. Hartenstein, "The Challenges of Robust Inter-Vehicle Communications," in Proc. 62nd IEEE Semiannual Vehicular Technology Conference, Dallas, Texas, Sep. 2005.
- [22] Federal Highway Admin. Focus On Congestion Relief. U.S. Dept. of Transportation. Available: http://www.fhwa.dot.gov/congestion/. Retrieved: May, 2014.
- [23] T. Liu, "Automat. Traffic Light Control System," California State University, Sacramento, Final Project Rep. ME233, 2008.

- [24] Akcelik & Associates Pty Ltd. "SIDRA Intersection User Guide," Sidra Solutions, Australia, 2011.
- [25] BBC, The Man Who Gave Us Traffic Lights. BBC Article History. Available: http://www.bbc.co.uk/nottingham/content/articles/2009/07/16/ john_peake_knight_traffic_lights_feature.shtml. Retrieved: August, 2010.
- [26] D. Lance and I. McNeil, Biographical Dictionary of the History of Technology. Taylor & Francis, p. 404, 1996.
- [27] M. Bellis, The History of Roads and Asphalt. Available: http://theinventors.org/library/inventors/blasphalt.htm. Retrieved: June, 2009.
- [28] G. M. Sessions, Traffic Devices: Historical Aspects Thereof. Washington: Institute of Traffic Engineers. Available: https://openlibrary.org/books/ OL5324456M/Traffic_devices_historical_aspects_thereof. Retrieved: Sep., 2013.
- [29] Cleveland Automobile Club, New Traffic Signal Installed. The Motorist Available: http://servv89pn0aj.sn.sourcedns.com/~gbpprorg/invention/105th -euclid.html. Retrieved: June, 2009.
- [30] J. B. Hoge, "Municipal traffic control system," U.S. Patent 1 251 666, Jan. 1, 1918.
- [31] Office of Operations, Traffic Control System Handbook. U.S. Dept. of Transportation - Federal Highway Admin.. Washington D.C., United States of America. Available: http://ops.fhwa.dot.gov/publications/fhwahop06006/ index.htm. Retrieved: May, 2010.
- [32] The Museum of London, Traffic Controls. Exploring 20th Century London. Available: http://www.20thcenturylondon.org.uk/traffic-controls. Retrieved: May, 2010.
- [33] D. Bullock, and T. Urbanik, "Traffic Signal System Addressing Diverse Technologies and Complex User Needs," Committee on Traffic Signal Sys., Tech. Rep. A3A18, 1999.
- [34] M. Kyte and T. Urbanik, *Traffic Signal System Operations and Design: An Activity-Based Learning Approach (Book 1: Isolated Intersections).* Pacific Crest Software, Incorporated, 2012.
- [35] P. J. Youch, Traffic Signal Control Equipment: State of the Art. Transportation Research Board, 1990.
- [36] Dept. of Transportation, Federal Highway Admin., *Manual on Uniform Traffic Light Devices for Streets and Highways*. Claitor's Publishing Division, 2003.

- [37] Han, T. and C. Lin, "Design of an Intelligent Traffic Light Controller (ITLC) with VHDL," *In Proc. of the 10th IEEE Conf. on Comput., Commun., Control and Power Eng.*, IEEE Xplore Publishing, USA., pp. 1749-1752, 2002.
- [38] A. Albagul, W. M. Hrairi, and M.F. Hidayathullah, "Design and Development of Sensor Based Traffic Light System", Am. J. Appl. Sci., vol. 3, no. 3, pp. 1745-1749, 2006.
- [39] U.S. Dept. of Transportation Federal Highway Admin.. (2006, May). Traffic Detector Handbook: Third Edition—Volume I. Washington D.C., United States of America. Available: http://www.fhwa.dot.gov/publica tions/research/operations/its/06108/06108.pdf. Retrieved: June, 2010.
- [40] B. J. Obeck, "Traffic signal control for emergency vehicles," U.S. Patent 5 014 052 A, May 7, 1991.
- [41] J. R. Asbury, D. W. Bentrott, D. Brown, and R. J. Schlichtig, "Emergency Vehicle Command and Control System for Traffic Signal Preemption," U.S. Patent 5 955 968 A, September 21, 1999.
- [42] M. A. Siegel, "Emergency vehicle alert system," U.S. Patent 6 614 362 B2, September 2, 2003.
- [43] C. M. Stallard, and L. E. Owen "Generalized adaptive signal control method and system," U.S. Patent 6 587 778 B2, July 1, 2003.
- [44] E. W. Dilling, "Vehicle warning system," U.S. 6 630 891 B1, Oct 7, 2003.
- [45] A. D. Bachelder, C. F. Foster, "Emergency vehicle control system traffic loop preemption," U.S. Patent 7 113 108 B1, September 26, 2006.
- [46] A. D. Bachelder, C. F. Foster, "Emergency vehicle traffic signal preemption system," U.S. Patent 6 940 422 B1, September 6, 2005.
- [47] P. Manavi, K. T. Diba, "Emergency traffic signal device," U.S. Patent 6 850 169 B2, February 1, 2005.
- [48] R. Lawson, "Emergency vehicle warning system," U.S. Patent 7 061 402 B1, June 13, 2006.
- [49] P. J. Pichey, "Intersection emergency warning system," U.S. Patent 4 017 825, Apr. 12, 1977.
- [50] L. L. Rose, "Emergency traffic control system with security transmission coding," U.S. Patent 4 016 532, Apr. 5, 1977.
- [51] E. Elmasian, "Traffic light radio control system," U.S. Patent 4 135 144, Jan. 16, 1979.

- [52] G. P. Anderson, "Emergency vehicle traffic control system," U.S. Patent 4 228 419, Oct. 14, 1980.
- [53] F. N. King, "Detection system for emergency vehicles with signal preemption means," U.S. Patent 4 321 589, Mar. 23, 1982.
- [54] W. L. Michell, "Traffic light control for emergency vehicles," U.S. Patent 4 443 783, Apr. 17, 1984.
- [55] M. R. Smith, J. Davidson, and H. Pfister, "Emergency vehicle warning and traffic control system," U.S. Patent 4 704 610, Nov. 3, 1987.
- [56] R. K. Morgan and B. K. Cross, "Traffic signal preemption system," U.S. Patent 4 914 434, Apr. 3, 1990.
- [57] S. M. Hamer, "System and method for transmitting data in an optical traffic preemption system," U.S. Patent 5 172 113, Dec. 15, 1992.
- [58] M. T. Robertson, "Traffic light control means for emergency-type vehicles," U.S. Patent 5 345 232, Sep. 6, 1994.
- [59] E. B. McArthur, "Emergency vehicle sound-actuated traffic controller," U.S. Patent 5 677 684, Oct. 14, 1997.
- [60] D. Gross, and J. Gross, "Emergency vehicle traffic signal pre-emption and collision avoidance system," U.S. Patent 6 326 903 B1, Dec. 4, 2001.
- [61] S. Poursartip, "Device and method for integrated wireless transit and emergency vehicle management," U.S. Patent 6 621 420 B1, Sep. 16, 2003.
- [62] S. H. Basson, D. Kenevsky, and W. W. Zadrozny, "System and method for controlling a traffic light," U.S. Patent 6 724 320 B2, Apr. 20, 2004.
- [63] K. Dressner, and P. Stone, "Human-Usable and Emergency Vehicle-Aware Control Policies for Autonomous Intersection," Presented at the 4'th Workshop on Agents in Traffic and Transportation, Hakodate, Japan, 2006.
- [64] M. R. Rahman, "Method for controlling traffic," U.S. Patent 6 427 113 B1, July 30, 2002.
- [65] T. J. Hall, S. M. Hamer, and M. A. Schwartz, "GPS-based traffic control preemption system," U.S. Patent 5 539 398 A, July 23, 1996.
- [66] Traffic Routing Using Intelligent Traffic Signals, GPS and Mobile Data Devices, by M. L. Ginsberg, M. M. Austin, P. A.C. Chang, and S. C. Mattison, Patent EP 2465105 A1, 20, June 2012.
- [67] D. G. Roberts, J. L. Johnson, "System and method for controlling preemption of a traffic signal," U.S. Patent 0 218 126 A1, August 30, 2012.

- [68] M.T. Robertson, "Traffic light control means for emergency-type vehicles," U.S. Patent 5 345 232 A, September 6, 1994.
- [69] J. C. Beck, G. V. Jones, K. Judge, and R. Keegan, "Automatic determination of traffic signal preemption using GPS, apparatus and method," U.S. Patent 5 986 575 A, November 16, 1999.
- [70] H. K. Gedawy, M. B. Dias, and K. Harras, "Dynamic Path Planning and Traffic Light Coordination for Emergency Vehicle Routing," School of Comput. Sci., Carnegie Mellon University, 2008.
- [71] O Brooke, "Centralized traffic signal preemption system and method of use," U.S. Patent 6 909 380 B2, Jun. 21, 2005.
- [72] M. Toyama and N. Hamba, "Apparatus for measuring the dynamic state of traffic," U.S. Patent 5 301 239 A, April 5, 1994.
- [73] J. Huang, and D. A. Florencio, "System and method for detecting and analysing a queue," U.S. Patent 6 195 121 B1, February 27, 2001.
- [74] Y.S. Lee, "Control system to prevent lane deviation of vehicle and control method thereof", U.S. Patent 6 487 501 A1, November 26, 2002.
- [75] M. Higashikubo and Y. Ito, "Traffic congestion measuring method and apparatus and image processing method and apparatus," U.S. Patent 6 188 778 B1, February 13, 2001.
- [76] J. S. Jun and S. H. Choi, "Apparatus and method for measuring queue length of vehicles," U.S. Patent 0 190 058 A1, October 9, 2003.
- [77] H. C. Lee, "Traffic light control and information transmission device," U.S. Patent 6 710 722 B2, March 23, 2004.
- [78] Q. Li, N. Zheng, and H. Cheng, "Springrobot A Prototype Autonomous Vehicle and Its Algorithms for Lane Detection," *IEEE Trans. Intelligent Transportation Sys.*, vol. 5, no. 4, pp. 300-308, Dec., 2004.
- [79] S. T. Tseng and K.T. Song, "Real-Time Image Tracking For Traffic Monitoring," *In Proc. of the 5th Int. Conf. on Intelligent Transportation Sys.*, Singapore, pp. 1-6, 2002.
- [80] T. Rabie, A. Shalaby, B. Adbulhai and A.E. Rabbany, "Mobile Vision-Based Vehicle Tracking And Traffic Control," *In Proc. of the 5th Int. Conf. on Intelligent Transportation Sys.*, Singapore, pp. 13-18, 2002.
- [81] N.J. Ferier, S. M. Rowe, and A. Blake, "Real Time Traffic Monitoring," In Proc. of the 2nd IEEE Workshop on Applicat. of Comput. Vision, Sarasota, USA, pp. 81-88, 1994.

- [82] K. A. Al-Khateeb, J. A. Johari and W. F. Al-Khateeb, "Dynamic Traffic Light Sequence Algorithm Using RFID," J. Comput. Sci., vol. 4, no. 7, pp. 517-524, 2008.
- [83] J. Johari and K. Al-Khateeb, "Ubiquitous RFID Network For Highway Monitoring And Management," *In Proc. of the Int. Conf. on Comput. and Commun. Eng.*, Kuala Lumpur, Malaysia, pp: 888-891, 2006.
- [84] N. V. Findler , J. Stapp, "A Distributed Approach to Optimized Control of Street Traffic Signals," J. of Transportation Eng.. vol. 118, no. 1, pp. 99-110, Feb., 1992.
- [85] W. Wen, "A Dynamic and Automat. Traffic Light Control Expert System For Solving The Road Congestion Problem," Expert Sys. With Application (ESWA), Vol. 34, no. 4, pp. 2370-2381, May, 2008.
- [86] E. I. Abdul Kareem and A. Jantan, "An Intelligent Traffic Light Monitor System using an Adaptive Associative Memory," Int. J. of Inform. Processing and Management, vol. 2, no. 2, Apr., 2011.
- [87] R. Ciolli, G. Ercan, and A. Mack., "Automated traffic violation monitoring and reporting System," Patent WO 2001-091 353 A2, Nov., 29, 2001.
- [88] J. G. Buchan, "Support apparatus, method and system for real time operations and maintenance," U.S. Patent 7 584 165 B2, Septmeber 1, 2009.
- [89] K. Tavladakis and N. C. Voulgaris, "Development of an Autonomous Adaptive Traffic Control System," presented at The European Symp. on Intelligent Techniques, Chania, Greece, 1999.
- [90] H. X. Liu, J. S. Oh and W. Recker, "Adaptive Signal Control System with On-line Performance Measure for Single Intersection," Institute of Transportation Studies, University of California, California PATH Working Paper, UCB-ITS-PWP-2002-5, Jan. 2002.
- [91] P. Borkar and S. Jenekar, "Speed Range Prediction for Traffic Light Control System," Int. J. of Comput. Applicat. Vol. 54, no. 3, pp. 61-65, Sep., 2012.
- [92] Y. Wang, W.Danwei, X. Bin, and W.Tichakom, "Junction-Based Model Predictive Control for Urban Traffic Light Control," In Proc. of the International Conf. On Connected vehicles and expo., Las Vegas, USA, pp. 54-59, 2013.
- [93] R. Marcy, "Apparatus for monitoring road traffic to control an associated signalling system," U.S. Patent 4 390 951, June 28, 1983.
- [94] H. Y. Sik, J. Hyunsoo, and P. C. Kug, "New Electro Sensitive Traffic Light Using Fuzzy Neural Network," IEEE Trans. Fuzzy Syst., vol. 7, no. 6, pp. 759-767, 1999.

- [95] H. Taskin and R. Gumustas, "Simulation Of Traffic-Flow System And Control Using Fuzzy Logic," *In Proc. of the 12th IEEE Int. Symp. on Intelligent Control*, Istanbul, Turkey, pp. 325-330, 1997.
- [96] J. H. Lee, K. M. Lee, K.Seong, C. Kim, H.L. Kwang, "Traffic Control Of Intersection Group Based On Fuzzy Logic," *In Proc. 6th Int. Fuzzy Sys. Assoc. World Congr.*, Sao Paulo, Brazil, pp. 465-468, 1995.
- [97] W. Choi, H. Yoon, K. Kim, I. Chung and S. Lee, "A Traffic Light Controlling FLC Considering the Traffic Congestion," *In Proc. Int. Conf. on Fuzzy Sys. Advances in Soft Computing*, Calcutta, India, pp. 69-75, 2002.
- [98] W. Lurong, Z. Xiaorong and S. Zhikai, "An Intelligent Fuzzy Control for Crossroads Traffic Light," IEEE second WRI Global Congr. Intelligent Sys., 2010.
- [99] H. Taale, "Optimising Traffic Signal Control with Evol. Algorithms," 7th Int. Congr. Intelligent Transport Sys., Turin, Italy, 2000.
- [100] S. S. Dorle, and P. L. Patel, "Design Approach for Dynamic Traffic Control System Based on Radio Propagation Model in VANET," International Journal of Computer Science and Network, vol. 2, no. 1, pp. 112-114, 2013.
- [101] D. A. Roozemond, "Using intelligent agents for pro-active, real-time urban intersection control", European J. of Operational Research, vol. 131, no. 2, pp. 293–301, Jun., 2001.
- [102] A. G. Sims and K. W. Dobinson. "The Sydney Coordinated Adaptive Traffic (Scat) System Philosophy and Benefits", IEEE Trans. Veh. Technology, vol. 29, no. 2, pp. 130-137, May, 1980.
- [103] J. Arnold, "Traffic guidance system," U.S. Patent 6 418 371 B1, July 9, 2002.
- [104] H. Yin, S. C. Wong, J. Xu, and C. K. Wong, "Urban Traffic Flow Prediction Using A Fuzzy-Neural Approach," Pergamon-Transportation Research Part C, vol. 10, no. 2, pp. 85-98, Apr., 2002.
- [105] Austroads AGTM03, "Guide to Traffic Management Part 3: Traffic Studies and Analysis". Association of Australian State Road and Transport Authorities, Sydney, 2013.
- [106] Austroads AGRD04A-10, "Guide to Road Design Part 4A: Unsignalised and Signalised Intersections". Association of Australian State Road and Transport Authorities, Sydney, 2010.
- [107] Transportation Research Board of the Nat. Academies, "Highway Capacity Manual," 3rd ed. United States of America, 2010.

- [108] FHWA. "Modeling procedure 4.0 Drive Cycle Development". U.S. Department of Transport: Federal Highway Administration Research, July 6, 2011.
- [109] Courage, K.G., Fambro, D.B., Akçelik, R., P-S., Anvar, M. and Vilora, F. "Capacity Analysis of Traffic Actuated Intersections". NCHRP Project 3-48 Final Report Prepared for National Cooperative Highway Research Program, Transportation Research Board, National Research Council, 1996.
- [110] Akçelik, R., Besley, M. and Roper, R. "Fundamental Relationships for Traffic Flows at Signalised Intersections". Research Report ARR 340. ARRB Transport Research Ltd, Vermont South, Australia, 1999.
- [111] C. Farkas and Y. Kopylova. "Application Level Protocol for Accident Reconstruction in VANETs," University of South Carolina, 2008.
- [112] A. C. Soh, L. G. Rhung, and H. M. Sarkan, "MATLAB Simulation of Fuzzy Traffic Controller for Multilane Isolated Intersection," Int. J. Comput. Sci. and Eng. (IJCSE), vol. 2, no. 4, pp. 924-933, Jan., 2010.
- [113] B. Ram, "Eng. Mathematics Volume I," 2nd ed, Pearson Education, India, PEI, 2012.
- [114] P. G. Gipps, "A Behavioural Car-Following Model for Computer Simulation," Transportation Research Part B, vol. 15, no. 2, pp. 105-11, Apr., 1981.
- [115] D. C. Montgomery, G. C. Runger, N. F. Hubele, "Eng. Statistics," 4th ed, Wiley, 2007.
- [116] Federal Highway Admin. Research Library, 2010, Site: www.fhwa.dot.gov.
- [117] N. J. Garber, and L. A. Hoel, "Traffic and Highway Eng.", Third Addition, Brooks/Cole, Thomson Learning, 2002.