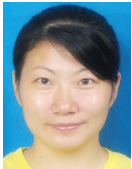


- [22] Hajiahmadi M, Knoop VL, Schutter BD, Hellendoorn H. Optimal dynamic route guidance: A model predictive approach using the macroscopic fundamental diagram. In: Proc. of the 16th Int'l IEEE Conf. on Intelligent Transportation Systems. 2013. 1022–1028. [doi: 10.1109/ITSC.2013.6728366]
- [23] El-Tantawy S, Abdulhai B, Abdelgawad H. Multiagent reinforcement learning for integrated network of adaptive traffic signal controllers (MARLIN-ATSC): Methodology and large-scale application on downtown toronto. IEEE Trans. on Intelligent Transportation Systems, 2013,14(3):1140–1150. [doi: 10.1109/TITS.2013.2255286]
- [24] Xu Y, Zhang YL, Sun TT, Su YF. Agent-Based decentralized cooperative traffic control toward green-waved effects. Ruan Jian Xue Bao/Journal of Software, 2012,23(11):2937–2945 (in Chinese with English abstract). <http://www.jos.org.cn/1000-9825/4307.htm> [doi: 10.3724/SP.J.1001.2012.04307]
- [25] Li C, Anavatti SG, Ray T. Analytical hierarchy process using fuzzy inference technique for real-time route guidance system. IEEE Trans. on Intelligent Transportation Systems, 2014,15(1):84–93. [doi: 10.1109/TITS.2013.2272579]
- [26] Zolfpour-Arokhlo M, Selamat A, Hashim SZM, Afkhami H. Modeling of route planning system based on Q value-based dynamic programming with multi-agent reinforcement learning algorithms. Engineering Applications of Artificial Intelligence, 2014,29(3): 163–177. [doi: 10.1016/j.engappai.2014.01.001]
- [27] Zafar K, Baig R, Bukhari N, Halim Z. Route planning and optimization of route using simulated ant agent system. Journal of Circuits Systems & Computers, 2011,20(3):457–478. [doi: 10.1142/S0218126611007396]
- [28] Cao ZC, Han DF, Wang YJ. A novel dynamic path optimization method for urban traffic networks. Acta Electronica Sinica, 2012, 40(10):2062–2067 (in Chinese with English abstract). [doi: 10.3969/j.issn.0372-2112.2012.10.026]
- [29] Pan J, Popa IS, Zeitouni K, Borcea C. Proactive vehicular traffic rerouting for lower travel time. IEEE Trans. on Vehicular Technology, 2013,62(8):3551–3568. [doi: 10.1109/TVT.2013.2260422]
- [30] Wang S, Djahel S, Mcmanis J. A multi-agent based vehicles re-routing system for unexpected traffic congestion avoidance. In: Proc. of the 17th Int'l IEEE Conf. on Intelligent Transportation Systems. 2014. 2541–2548. [doi: 10.1109/ITSC.2014.6958097]
- [31] Liang Z, Wakahara Y. A route guidance system with personalized rerouting for reducing traveling time of vehicles in urban areas. In: Proc. of the 17th Int'l IEEE Conf. on Intelligent Transportation Systems. 2014. 1541–1548. [doi: 10.1109/ITSC.2014.6957652]
- [32] Zhu GQ, Tong GJ, Dai LL. Analysis of urban road congestion pricing based on game theory. In: Proc. of the 15th Annual Conf. on Management Science and Engineering. 2008. 1693–1697. [doi: 10.1109/ICMSE.2008.4669133]
- [33] Adler JL, Satapathy G, Manikonda V, Bowles B, Blue VJ. A multi-agent approach to cooperative traffic management and route guidance. Transportation Research Part B Methodological, 2005,39(4):297–318. [doi: 10.1016/j.trb.2004.03.005]
- [34] Fudenberg D, Levine DK. The Theory of Learning in Games. The MIT Press, 1996. 177–198.
- [35] Tsitsiklis JN. Asynchronous stochastic approximation and Q -learning. Machine Learning, 1994,16(3):185–202. [doi: 10.1007/BF00993306]
- [36] Kushner HJ, Clark DS. Stochastic approximation methods for constrained and unconstrained systems. In: Proc. of the Applied Mathematical Sciences. 1978. 26. [doi: 10.1007/978-1-4684-9352-8]
- [37] Leslie DS, Collins EJ. Individual Q -learning in normal form games. Siam Journal on Control & Optimization, 2005,44(2):495–514. [doi: 10.1137/S0363012903437976]
- [38] Benaïm M. Dynamics of stochastic approximation algorithms. In: Proc. of the Séminaire De Probabilités XXXIII. Heidelberg, Berlin: Springer-Verlag, 1999. 1–68. [doi: 10.1007/BF60096509]
- [39] Jackson MO. The evolution of social and economic networks. Journal of Economic Theory, 2002,106(2):265–295. [doi: 10.1006/jeth.2001.2903]

附中文参考文献:

- [17] 李丽君,刘鸿飞,杨祖元,葛利嘉,黄席樾.车用自组网信息广播.软件学报,2010,21(7):1620–1634. <http://www.jos.org.cn/1000-9825/3845.htm> [doi: 10.3724/SP.J.1001.2010.03845]
- [19] 李明楚,许雷,孙伟峰,陆坤,郭成.基于非完全信息博弈的网格资源分配模型.软件学报,2012,23(2):428–438. <http://www.jos.org.cn/1000-9825/3972.htm> [doi: 10.3724/SP.J.1001.2012.03972]

- [24] 徐杨,张玉林,孙婷婷,苏艳芳.基于多智能体交通绿波效应分布式协同控制算法.软件学报,2012,23(11):2937-2945. <http://www.jos.org.cn/1000-9825/4307.htm> [doi: 10.3724/SP.J.1001.2012.04307]
- [28] 曹政才,韩丁富,王永吉.面向城市交通网络的一种新型动态路径寻优方法.电子学报,2012,10(10):2062-2067. [doi: 10.3969/j.issn.0372-2112.2012.10.026]



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