Qeios

Peer Review

Review of: "Selfish Routing on Transportation Networks With Supply and Demand Constraints"

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- First, please make a proofreading to improve the quality of the paper.
- Second, authors design static transportation network flows. What about the computational complexity of the proposed scheme used to characterize the congestion phenomena compared to similar models?
- Third, this work focuses on a centralized architecture to characterize the traffic transportation network congestion phenomena. The issue here is how the proposed model can be integrated into a global decentralized transportation market with the vision of real and virtual space.
- Fourth, the following four references should be added to this paper:

[1] M. Bin Hariz, D. Said and H. T. Mouftah, "Game Theoretic Approach for a Multi-Mode Transportation in Smart Cities," 2020 International Symposium on Networks, Computers and Communications (ISNCC), Montreal, QC, Canada, 2020, pp. 1–6, doi: 10.1109/ISNCC49221.2020.9297295..

[2] D. Said, S. Cherkaoui and L. Khoukhi, "Advanced scheduling protocol for electric vehicle home charging with time-of-use pricing," 2013 IEEE International Conference on Communications (ICC), Budapest, Hungary, 2013, pp. 6272-6276, doi: 10.1109/ICC.2013.6655612.

[3] M. B. Hariz, D. Said and H. T. Mouftah, "Mobility Traffic Model Based on Combination of Multiple Transportation Forms in the Smart City," *2019 15th International Wireless Communications & Mobile Computing Conference (IWCMC)*, Tangier, Morocco, 2019, pp. 14-19, doi: 10.1109/IWCMC.2019.8766676. [4] D. Said and H. T. Mouftah, "A novel electric vehicles charging/discharging scheme with load management protocol," 2017 IEEE International Conference on Communications (ICC), Paris, France, 2017, pp. 1–6, doi: 10.1109/ICC.2017.7997117.

[5] Bin Hariz, M., Said, D., & Mouftah, H. T. (2021). A Dynamic Mobility Traffic Model Based on Two
Modes of Transport in Smart Cities. Smart Cities, 4(1), 253–270.
https://doi.org/10.3390/smartcities4010016.

Declarations

Potential competing interests: No potential competing interests to declare.