

dynamics to capture traffic congestion and events [18], [19].

References

- [1] S. Gong and L. Du, "Cooperative platoon control for a mixed traffic flow including human drive vehicles and connected and autonomous vehicles," *Transp. Res. B, Methodological*, vol. 116, pp. 25–61, Oct. 2018, doi: 10.1016/j.trb.2018.07.005.
- [2] S. Gong, J. Shen, and L. Du, "Constrained optimization and distributed computation based car following control of a connected and autonomous vehicle platoon," *Transp. Res. B, Methodological*, vol. 94, pp. 314–334, Dec. 2016, doi: 10.1016/j.trb.2016.09.016.
- [3] H. Zhang, L. Du, and J. Shen, "Hybrid MPC system for platoon based cooperative lane change control using machine learning aided distributed optimization," *Transp. Res. B, Methodological*, vol. 159, pp. 104–142, May 2022, doi: 10.1016/j.trb.2021.10.006.
- [4] C. Mu, L. Du, and X. Zhao, "Event triggered rolling horizon based systematical trajectory planning for merging platoons at mainline-ramp intersection," *Transp. Res. C, Emerg. Technol.*, vol. 125, Apr. 2021, Art. no. 1035006, doi: 10.1016/j.trc.2021.1035006.
- [5] H. Zhang and L. Du, "Platoon-centered control for eco-driving at signalized intersection built upon hybrid MPC system, online learning and distributed optimization part I: Modeling and solution algorithm design," *Transp. Res. B, Methodological*, doi: 10.1016/j.trb.2023.02.006.
- [6] H. Zhang and L. Du, "Platoon-centered control for eco-driving at signalized intersection built upon hybrid MPC system, online learning and distributed optimization part II: Theoretical analysis," *Transp. Res. B, Methodological*, doi: 10.1016/j.trb.2023.05.008.
- [7] J. Qiu and L. Du, "Optimal dispatching of electric vehicles for providing charging on-demand service leveraging charging-on-the-move technology," *Transp. Res. C, Emerg. Technol.*, vol. 146, Jan. 2023, Art. no. 103968, doi: 10.1016/j.trc.2022.103968.
- [8] F. Lambert. "Porsche unveils awesome 2.1 MWh Megapack-like mobile charging system for electric cars." Electrek. Accessed: Feb. 24, 2023. [Online]. Available: <https://electrek.co/2020/09/16/porsche-megapack-like-mobile-charging-system-electric-cars/>
- [9] "Powering the future of mobility," SUN Mobility, Bengaluru, India, 2023. [Online]. Available: <https://www.sunmobility.co.in/about.html>
- [10] L. Du, L. Han, and X. Li, "Distributed coordinated in-vehicle online routing using mixed-strategy congestion game," *Transp. Res. B, Methodological*, vol. 67, pp. 1–17, Sep. 2014, doi: 10.1016/j.trb.2014.05.005.
- [11] L. Du, L. Han, and S. Chen, "Coordinated online in-vehicle routing balancing user optimality and system optimality through information perturbation," *Transp. Res. B, Methodological*, vol. 79, pp. 121–153, Sep. 2015, doi: 10.1016/j.trb.2015.05.020.
- [12] L. Du and S. Gong, "Stochastic Poisson game for an online decentralized and coordinated parking mechanism," *Transp. Res. B, Methodological*, vol. 87, pp. 44–63, May 2016, doi: 10.1016/j.trb.2016.02.006.
- [13] Y. Ning and L. Du, "Robust and resilient equilibrium routing mechanism for traffic congestion mitigation built upon correlated equilibrium and distributed optimization," *Transp. Res. B, Methodological*, vol. 168, pp. 170–205, Feb. 2023, doi: 10.1016/j.trb.2022.12.006.
- [14] S. Spana and L. Du, "Optimal information perturbation for traffic congestion mitigation: Gaussian process regression and optimization," *Transp. Res. C, Emerg. Technol.*, vol. 158, May 2022, Art. no. 105647, doi: 10.1016/j.trc.2022.105647.
- [15] W. Peng and L. Du, "Forming coordination group for coordinated traffic congestion management schemes," *Transp. Res. C, Emerg. Technol.*, vol. 128, Jul. 2021, Art. no. 103113, doi: 10.1016/j.trc.2021.103113.
- [16] W. Peng and L. Du, "Investigating optimal carpool scheme by a semi-centralized ride-matching approach," *IEEE Trans. Intell. Transp. Syst.*, vol. 23, no. 9, pp. 14,990–15,004, Sep. 2022, doi: 10.1109/TITS.2021.3155648.
- [17] H. Yang, L. Du, G. Zhang, and T. Ma, "A traffic flow dependency and dynamics based deep learning aided approach for network-wide traffic speed propagation prediction," *Transp. Res. B, Methodological*, vol. 167, pp. 99–117, Jan. 2023, doi: 10.1016/j.trb.2022.11.009.
- [18] H. Yang, L. Du, and J. Mohammadi, "A shock wave diagram based deep learning model for early alerting an upcoming public event," *Transp. Res. C, Emerg. Technol.*, vol. 122, Jan. 2021, Art. no. 102862, doi: 10.1016/j.trc.2020.102862.
- [19] L. Du, S. Peeta, and Y. H. Kim, "An adaptive information fusion model to predict the short-term link travel time distribution in dynamic traffic networks," *Transp. Res. B, Methodological*, vol. 46, no. 1, pp. 235–252, Jan. 2012, doi: 10.1016/j.trb.2011.09.008.
- [20] L. Du, S. Gong, L. Wang, and X.-Y. Li, "Information-traffic coupled cell transmission model for information spreading dynamics over vehicular ad hoc network on road segments," *Transp. Res. C, Emerg. Technol.*, vol. 73, pp. 30–48, Dec. 2016, doi: 10.1016/j.trc.2016.10.007.
- [21] L. Du and H. Dao, "Information dissemination delay in vehicle-to-vehicle communication networks in a traffic stream," *IEEE Trans. Intell. Transp. Syst.*, vol. 16, no. 1, pp. 66–80, Feb. 2015, doi: 10.1109/TITS.2014.2326331.
- [22] L. Du and S. Ukkusuri, "The relative mobility of vehicles improves the performance of information flow in vehicle ad hoc networks," *Netw. Spatial Econ.*, vol. 10, no. 2, pp. 209–240, Jun. 2010, doi: 10.1007/s11067-008-9065-x.
- [23] L. Du, S. Ukkusuri, W. F. Yushimito Del Valle, and S. Kalyanaraman, "Optimization models to characterize the broadcast capacity of vehicular ad hoc networks," *Transp. Res. C, Emerg. Technol.*, vol. 17, no. 6, pp. 571–585, Dec. 2009, doi: 10.1016/j.trc.2008.07.003.
- [24] S. Ukkusuri and L. Du, "Geometric connectivity of vehicular ad hoc networks: Analytical characterization," *Transp. Res. C, Emerg. Technol.*, vol. 16, no. 5, pp. 615–634, Oct. 2008, doi: 10.1016/j.trc.2007.12.002.

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In the article "A New Cellular Vehicle-to-Everything Application: Daytime Visibility Detection and

Prewarning on Expressways" [1], (10) contained errors. The correct equation is

$$D = 2R \cdot \arcsin\left(\sqrt{\sin^2\left(\frac{\Delta Lat}{2}\right) + \cos(Lat_1) \cdot \cos(Lat_2) \cdot \sin^2\left(\frac{\Delta Lon}{2}\right)}\right). \quad (10)$$

Reference

- [1] C. Zhang, F. Li, J. Ou, P. Xie, and W. Sheng, "A new cellular vehicle-to-everything application: Daytime visibility detection and prewarning on expressways," *IEEE Intell. Transp. Syst. Mag.*, early access, Jun. 22, 2022, doi: 10.1109/TITS.2022.3181988.

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