

- [12] Zhe, T., Huang, L., Wu, Q., Zhang, J., Pei, C., & Li, L. (2020). Inter-Vehicle Distance Estimation Method Based on Monocular Vision Using 3D Detection. *IEEE Transactions on Vehicular Technology*, 69(5), 4907-4919.
- [13] Zhou, S., Zhao, Y., & Guo, D. (2022). YOLOv5-GE Vehicle Detection Algorithm Integrating Global Attention Mechanism. In 2022 3rd International Conference on Information Science, Parallel and Distributed Systems (ISPDS) pp. 439-444.
- [14] Zhou, Y., Zhou, J., & Liao, F. (2020). Research on Vehicle Tracking Algorithm Based on Deep Learning. *Journal of Physics: Conference Series*, 1621.

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