**(Semi-Recent) Decentralized AATC Papers**

1. [Frazzoli, E., Pallottino, L., Scordio, V., and Bicchi, A., “Decentralized Cooperative Conflict Resolution for Multiple Nonholonomic Vehicles,” *AIAA Guidance, Navigation, and Control Conference and Exhibit*, 2005.](https://arc-aiaa-org.proxy-um.researchport.umd.edu/doi/10.2514/6.2005-6048)
2. [Yokoyama, N., “Decentralized Conflict Detection and Resolution Using Intent-Based Probabilistic Trajectory Prediction,” *2018 AIAA Guidance, Navigation, and Control Conference*, 2018.](https://arc-aiaa-org.proxy-um.researchport.umd.edu/doi/10.2514/6.2018-1857)
3. [Yang, J., Yin, D., Niu, Y., and Shen, L., “Distributed Cooperative Onboard Planning for the Conflict Resolution of Unmanned Aerial Vehicles,” *Journal of Guidance, Control, and Dynamics*, vol. 42, Feb. 2019, pp. 272–283.](https://arc-aiaa-org.proxy-um.researchport.umd.edu/doi/10.2514/1.G003583)
4. [Bellomi, F., Bonato, R., Tedeschi, A., and Nanni, V., “Satisficing Game Theory for Conflict Resolution and Traffic Optimization,” *Air Traffic Control Quarterly*, vol. 16, 2008, pp. 211–233.](https://arc-aiaa-org.proxy-um.researchport.umd.edu/doi/10.2514/atcq.16.3.211)
5. [Brittain, M. W., and Wei, P., “One to Any: Distributed Conflict Resolution with Deep Multi-Agent Reinforcement Learning and Long Short-Term Memory,” *AIAA Scitech 2021 Forum*, Jan. 2021.](https://arc-aiaa-org.proxy-um.researchport.umd.edu/doi/10.2514/6.2021-1952)
6. J[enie, Y. I., Kampen, E. V., Ellerbroek, J., and Hoekstra, J. M., “Taxonomy of Conflict Detection and Resolution Approaches for Unmanned Aerial Vehicle in an Integrated Airspace,” IEEE Transactions on Intelligent Transportation System, Vol. 18, No. 3, 2017.](https://ieeexplore-ieee-org.proxy-um.researchport.umd.edu/document/7519023)

* Great compendium of current resolution approaches and taxonomical hierarchy. Analyzes which resolution methods are unlikely to work in an integrated scenario.