



Path Planning, Trajectory Tracking and Guidance for UAVs: 2nd Edition

Guest Editors:

Dr. Heng Shi

Prof. Dr. Jihong Zhu

Dr. Zheng Chen

Dr. Minchi Kuang

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Message from the Guest Editors

Path planning, trajectory tracking, and guidance are essential aspects for the autonomous operations of Unmanned Aerial Vehicles (UAVs). These processes involve the determination of the optimal path, implementation of the planned path, and real-time adjustments to ensure accurate tracking and obstacle avoidance. The ability to plan efficient and safe paths for UAVs is crucial for the successful completion of missions, especially in complex environments. Moreover, the implementation of planned paths while considering external factors such as wind and turbulence, along with real-time guidance adjustment, ensures UAV's safety and stability. Research in this area focuses on developing advanced algorithms and control systems that enable UAVs to operate autonomously and effectively in complex environments.





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Editor-in-Chief

Prof. Dr. Diego González-Aguilera

Cartographic and Land
Engineering Department, Higher
Polytechnic School of Avila,
University of Salamanca, Hornos
Caleros, 50 05003 Avila, Spain

Message from the Editor-in-Chief

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Drones Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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