



Advances in Flight Dynamics and Autonomous Control of UAVs

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Message from the Guest Editor

Unmanned aerial vehicles (UAVs) are a rapidly developing technology in the aerospace sector of the 21st century, with applications in aerial photography/mapping, remote monitoring/sensing, surveillance and reconnaissance, infrastructure inspection, etc. Thanks to advances in fields ranging from computation and sensing to new materials and manufacturing methods, UAVs are becoming increasingly more sophisticated, and numerous new UAV applications are being explored, involving operations in challenging environments and requiring high levels of autonomy. The rapid growth in demand for complex UAV missions brings with it a variety of design and performance challenges. Meeting these challenges, in turn, calls for advances in UAV flight dynamics and autonomous control.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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