



Control and Optimization Problems in Aerospace Engineering

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submissions:

closed (1 December 2020)

Message from the Guest Editors

This Special Issue focuses on topics related to the use of mathematical control techniques to solve some typical problems of the aerospace industry. To set a thematic focus beyond the areas of application, we are specifically looking for contributions on:

- Structural mechanics control problems
- Propulsion systems control problems
- Flight mechanics control problems
- Space flight control problems
- Vibration suppression
- Passive control
- Active dynamic control
- Smart materials for control applications
- Thermal efficiency
- Acoustic transmission optimization
- Jet engine control
- Transmission control
- Combustion efficiency
- Aeroelastic coupling problem
- Re-entry orbit problem
- Transfer orbit problem

Moreover, the focal topics listed above are not meant to exclude articles from additional areas. Similarly, we do not intend to limit the Special Issue's focus to control problems only but aim to also include studies on optimization relevant applications in the aerospace sector.





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Message from the Editor-in-Chief

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