Topical Collection

Space Systems Dynamics

Message from the Collection Editors

All steps involved in mission design, its practical realization, and post-mission analysis require that one is familiar with the behavior of the space system, that is, a space system dynamics analysis has to be involved as a guidance tool. This Special Issue will present works discussing advances in spacecraft attitude and orbital dynamics and control, as well as the dynamics and control of multiple interconnected rigid and flexible bodies, dynamics of multibody systems, advances in the knowledge of natural motions of objects in orbit around the Earth, planets, minor bodies, Lagrangian points, and more generally natural orbital dynamics of spacecraft on interplanetary voyages with emphasis on studies and experiences related to current and future missions.
Collection Editors

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