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Aeromedical research (including study of bone loss, sleep and circadian rhythms), the Admissible Subspace Trajectory Optimizer (ASTRO), the Synchronized Position Hold Engage and Reorient Experimental Satellites (SPHERES) testbed, plant biology, materials science, biotechnology, space debris orbit determination and the ISS Agricultural Camera (ISSAC) are among the wide variety of projects which have involved the International Space Station (ISS) discussed over the 174 papers included in this proceedings.


‘Dynamics of a Slender Spinning Membrane’ ‘Equivalence of Two Solutions of Wahba’s Problem’, ‘Development of Operational Model Analysis Techniques for Launch Data’ and ‘Third-Body Perturbation Effects on Satellite Formations’ are among the 42 papers included in this proceedings.

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