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Section 3 – Astronautics and Astrophysics

(in alphabetical order of the first author)

No.	Author(s)	Title of paper	Section number	Company
1	Anna-Maria Theodora ANDREESCU ¹ , Maximilian-Vlad TEODORESCU ² , Jeni Alina POPESCU ¹ , Valeriu-Alexandru VILAG ¹ , Adrian STOICESCU ¹	Concept Study of Radio Frequency (RF) Plasma Thruster for Space Propulsion	3	¹ Romanian Research and Development Institute for Gas Turbines COMOTI, http://www.comoti.ro ² National Institute for Laser, Plasma and Radiation Physics INFLPR, http://www.inflpr.ro
2	Corneliu BERBENTE	A Possible Universe in Pulsation by Using a Hydro-Dynamical Model for Gravity	3	"POLITEHNICA" University of Bucharest, Faculty of Aerospace Engineering, Department "Elie Carafoli" Aerospace Science, Polizu Street 1-7, postal code 011061, sector 1, Bucharest
3	Roxana Alexandra PETRE*, Thien Van NGUYEN, Ion STROE	Using Binet type of equation for relative motion	3	"POLITEHNICA" University of Bucharest, Department of Mechanics, 313 Splaiul Independentei, Bucharest, Romania
4	Ion STROE ¹ , Dan N. DUMITRIU ²	General Oscillatory Motion of a Large Spacecraft around its Equilibrium Attitude Posture, due to the Gravitational Moments Effect	3	¹ "POLITEHNICA" University of Bucharest, 313 Splaiul Independenței, Bucharest 060042, Romania ² Institute of Solid Mechanics of the Romanian Academy, Str. Constantin Mille 15, Bucharest 010141, Romania