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Moscow Aviation Institute, Moscow, Russia OLEG V. PAPKOV and KONSTANTIN G. SUKHANOV

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Global optimization of multiple gravity assist trajectories : development of STA Interplanetary Module v3.0: Italian keywords: traiettorie interplanetarie;

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Gravity assist is a proven technique in interplanetary exploration, as exemplified by the missions Voyager, Galileo, and Cassini. In the present paper, based in this

Preliminary design of low-thrust multiple gravity-

gravity-assist interplanetary trajectories. Nomenclature F = objective function f solution domain for low-thrust multiple gravity-assist trajectories

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Gravity assist maneuvers of a spacecraft in Jupiter system. Authors: V. V. Koryanov: Keldysh Institute of Applied Mathematics, Russian Academy of Sciences,

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Chapter 8 global optimization of interplanetary

18. Vasile, M., De Pascale, P.: Preliminary design of multiple gravity-assist trajectories. J (2006) 8 Global Optimization of Interplanetary Transfers with

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