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ACTUAL SPACE DEBRIS MODELING RESULTS ON SDPA MODEL

Abstract

The Russian space debris model Space Debris Prediction and Analysis (SDPA) has been developed and specified for a long time. Modelling is carried out on the basis of the developed unified statistical approach. The last researches of space debris population have allowed to improve SDPA model. This work provides the analysis of improved space debris model SDPA, results of space debris population long-term prediction with actual scenarios.