

## **Synthesis Robust Of Digital System of Stabilization of the Microsatellite**

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The question of synthesis of digital system of stabilization of a space vehicle in orbital system of coordinates is considered in view of interdependence of his longitudinal and lateral movements. Synthesis is carried out from a condition of minimization structured singular values of system. It is shown, that application of bilinear transformation of a special kind allows to receive high quality of transients in system.