

VIBRATION RESISTANCE PROBLEM FOR A SPACE VEHICLE WITH SINGLE-DEGREE-OF-FREEDOM POWERED GYROSCOPES

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Vibration resistance of a space vehicle is estimated in terms of the values of equipment vibration amplitudes. The procedure of estimation is presented as applied to a space vehicle subject to vibrations caused by residual back of balance of powered gyroscopes.

Vibration resistance, space vehicle, powered gyroscope, modal reduction.

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