

Optimization of Geometrical Parameters of a Compound Resonator of the Wave Solid-State Gyro

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In the work the research for definition of geometrical parameters of a compound resonator of the wave solid-state gyro is carried out, with the purpose of its maximum vibroprotection. Outgoing from conditions of absence of an interaction of frequencies themselves of oscillations of the lower forms of a hemispherical envelope and fastening rod the relations for definition of design data of a resonator are obtained.