

Annotation

In this diploma project the problems of measuring acceleration will consider as the primary goal in creating vibration measuring devices and digital lock. On basis of the analysis methods of measuring accelerations developed complex vibro-devices created on the basis of the software environment LabVIEW. The developed devices will be used for vibration tests of hydraulic hydroelectric, seismic stations, railways and companies, where established vibrating devices and assemblies. The calculation of the economic efficiency of the electronic system is developed.