ID: Type: **Poster**

Strong Motion Force Balance Triaxial Accelerometer

The accelerometer is a triaxial surface package useful for many types of earthquake recording applications. It is suitable for seismology and civil engineering applications. The unit consists of three force balance accelerometer modules mounted orthogonally in a compact aluminum case featuring a bolt anchoring slot and an integrated bubble level. The advanced features of the accelerometer include large linear range, high resolution and high dynamic range. The accelerometer has DC response. The standard frequency pass band is flat to acceleration from DC to 100 Hz. With full-scale recording range +/- 2.5g the accelerometer provides on-scale recording of earthquake motions even at near-fault locations. The accelerometer is ideal for applications where the instruments are difficult to access.

Primary author: GRAVIROV, Valentin (The Schmidt Institute of Physics of the Earth of the Russian Academy of Sciences (IPE RAS) / Institute of Earthquake Prediction Theory and Mathematical Geophysics of the Russian Academy of Sciences (IEPT RAS))

Presenter: GRAVIROV, Valentin (The Schmidt Institute of Physics of the Earth of the Russian Academy of Sciences (IPE RAS) / Institute of Earthquake Prediction Theory and Mathematical Geophysics of the Russian Academy of Sciences (IEPT RAS))

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