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# of rotational seismometry

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Rotational seismometry is an emerging perspective area of science for further developing of seismic monitoring. The quality of manufacturing measuring devices is improving. New instruments are being developed. Accuracy of measurements is increasing. Data processing algorithms are being improved. However, the absence of standardized metrological schemes for developers, manufacturers and users creates problems in data dissociation. The data can't be compared. Metrological characteristics of devices should be standardized. All the necessary characteristics must be clearly defined for each type of device. Then we can trust and analyze all monitoring data. This paper presents the model of the estimation of errors of measurements collected by the rotational seismometer.

Promotional text

The quality of the IMS seismic network of the CTBT can be improved by using rotation sensors. There is still a lot of work to be done in this field. The paper presents overview of the metrological problems in rotational seismometry, which require further improvement.

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