



Rotation waves as rapture mechanism and transition of rock mass in fault zones

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Instrumental records of earthquakes, made in the nearest zone of tectonic faults (practically for all regions) are characterized by the following features: 1.Abnormal low frequency of oscillations (0,5-1,5 Hz) 2.Modulated or monochromatic (coherent) oscillations 3.Low speed of distribution of long-period oscillations(160-800 m/s) 4.Long time origin 5.All the features are dependant on the magnitude and vise versa.

Basing on the laboratory experiments and also nature observations the following model is presented: rotation waves as a rapture mechanism; generation of low frequency oscillations; transition the rock mass along tectonic fault.