

عنوان مقاله:

A model to calculate the energy produced due to the tectonic movements

محل انتشار:

اولین کنگره بین المللی علوم، مهندسی و فن آوری های نو (سال: 1401)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

Seismic waves have been widely studied in relation with earthquake. However, we can also get information from non-seismic phenomena occurring before large earthquakes. Some of these pre-earthquakes for some, in homogeneity in temperature by several degrees in a wide range which can be seen through satellite imagery. In this research, experimental works for observation of pre-earthquake phenomena are reviewed and those works with results related to studies of bullets hitting the rocks which are the simulated pressure in the rock layer. With calculation of types of transformed energies, energy losses and surface charge and the energy stored in surface are calculated. These studies can be used for future research studies on earthquake precursors.

کلمات کلیدی:

Earthquakes - seismic phenomena - earthquakes - positive holes - magnetic anomalies - thermal anomalies - ionosphere

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