On researching the properties of mutually induced seismicity, the following assumption is accepted: each occurring earthquake causes a line of the subsequent earthquakes. The analysis of the time interval and frequency distribution of earthquakes of a magnitude of 5M and higher has shown:
- Frequency- the time spectrum has strongly pronounced stable and identical in form peaks, and a fading amplitude of $e^{-0.4\sqrt{x}}$;
- The intervals of time between these peaks are equal to 1.8-2.2 days, which consistently alternate for an extent of up to 37 days.

Research of frequency distribution of earthquakes by range from the epicentre of each earthquake of magnitudes of 6M and higher has shown:
- The form of frequency distribution of earthquakes by range can be interpreted, as a spatial-wave spectrum with a wavelength of 1000, 1500, 2000, 3000 and 4000km.

Mutually induced seismicity, is a natural consequence of the transformation of physical processes of the Earth. Change of time intervals of peaks in seismic activity of 1.8-2.2 days occurs owing to the influence of gravitational forces from a change in the position of the Moon. The presence of these peaks can testify to the existence of a wave of activization of earthquakes which is generated by earthquake, that bends around the Globe and returns to its epicentre after 1.8-2.2 days. This implies that the speed of this wave is 770-940 km/hour. This is close to the speed of a tsunami arising in the ocean, and can serve as its visualization.