



## **Statistical analysis in the Natural Time Domain of the seismicity in México**

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This work deals in a statistical analysis performed in the natural time domain of the seismicity occurred in México within the period 2000-2011. The data set corresponds to the seismic activity recorded by the National Seismological Service (SSN). Our study is performed along the Mexican Pacific coast comprising the states of: Baja California, Jalisco, Michoacán, Guerrero, and Oaxaca. The preliminary results of the analysis of power spectrum, order parameter and entropy fluctuations in the natural time domain show good consistency with the natural time theory and the latest tectonic reported findings; this fact confirms the suspicions of different tectonic mechanisms as seism trigger.