

PHYSICS MODELS OF EARTHQUAKE

SRUTARSHI PRADHAN*

Since long back, scientists have been putting enormous effort to understand earthquake dynamics the goal is to develop a successful prediction scheme which can provide reliable alarm that an earth-quake is imminent. Model studies sometimes help to understand in some extent the basic dynamics of the real systems and therefore is an important part of earthquake rescarch. In this report, we review several physics models which capture some essential features of earthquake phenomenon and also suggest methods to predict catastrophic events being within the range of model parameters.
