550.341.5 : 519.24 (540-18)

Probabilistic determination of seismic loads and prediction of earthquakes in northeastern region of India

A. C. KHAZANCHI, T. K. DUTTA, U. C. KALITA and M. M. SAIKIA

Regional Research Laboratory, Jorhat, Assam

ABSTRACT

Seismic loads are significant design factor in areas subjected to earthquakes. The phenomena of earthquake is such that design loads cannot be estimated straight away through a deterministic approach. Statistical approach to problem including prediction of earthquake is discussed.