Sg-005 Room: C417 Time: June 9 10:00-10:15

Estimations of location and magnitude of the Ansei-Edo earthquake and strong ground motions

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We estimated the source location and magnitude of the Ansei-Edo earthquake by using the dense observed ground motion records and the empirical Green's function method. The depth of 70km at the upper Pacific plate is estimated by matching the distribution of estimated ground motions with the historical isoseismal map.