As-010 Room: C401 Time: June 9 11:40-11:55

How to infer the source process from historical earthquake damage data

Takashi Miyatake [1]

[1] ERI, Univ. of Tokyo

We discuss the possibility to infer the source process from damage data of historical earthquakes. The spacial pattern of ground velocity or acceleration generated from several source processes are computed by dynamic modeling and the results are cataloged. We infer the source process by compare the damage distribution and the direction of overturn of simple bodies from past earthquakes, such as grave stones with the above results.