

Source process of the 1945 Mikawa earthquake obtained from JMA low-gain strong motion records

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Source process of the 1945 Mikawa earthquake was examined by analysing the JMA low gain strong motion records. The results show that a rupture propagates mainly to north. The main source parameters are: the seismic moment = 1.6×10^{19} Nm (Mw 6.7); the source duration = 1 s; the averaged dislocation = 1.6 m.