

The effect of source mechanism on the distribution of seismic intensity

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There are some earthquakes which do not show circular distribution of seismic intensity, but show a biased distribution. In order to discuss the deviation problem, it is necessary to take the effect of source mechanism into consideration. We tried to study the effects of source mechanism on the seismic intensity distribution by comparing theoretical amplitudes with observations. The observed intensity distributions generally agree with those theoretically calculated by taking source mechanisms into consideration.