

21 FEBRUARY 2007 SIVRICE-ELAZIG EARTHQUAKE SOURCE MECHANISM SOLUTION

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ABSTRACT *In this study, considering the tectonic structure of East Anatolian, by obtaining the location and focal mechanism solution of 21 February 2007 Sivrice-Elazığ ($M \sim 5.9$) earthquake occurred in the compression region of East Anatolian Fault Zone, the source parameters are determined. Location and focal mechanism solutions were obtained by ZSacWin software packet used by Bogazii University Kandilli Observatory. On the other hand, focal mechanism solution was obtained by moment tensor inversion of far region body waves was compared to the solution given by international seismology institutes.*