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24 OCTOBER 2006 GULF OF GEMLIK EARTHQUAKE (M_L~5.2) SOURCE MECHANISM SOLUTION

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ABSTRACT *In this study, considering the tectonic structure of Gulf of Gemlik, by obtaining the location and focal mechanism solution of 24 October 2006 Gemlik Körfezi (M_L~5.2) earthquake occurred on the North Anatolian Fault South branch, the source parameters are determined. Location and focal mechanism solution is obtained by ZSacWin software packet used by Bogazici University Kandilli Observatory. Also obtaining these solutions are compared with international seismology institues solution*