



Detection of the deformations on the contact line between African and Euroasian plates from the methods of space geodesy

A. Zeman (1), J. Kosteletzky (1,2), J. Kosteletzky (2)

(1) Czech Technical University in Prague, Faculty of Civil Engineering, Thakurova 7,
CZ-16629 Prague (zeman@fsv.cvut.cz), (2) Research Inst. of Geodesy, GO Pecny, CZ-25165
Ondrejov 244 (jakub.kosteletzky@pecny.cz)

On the basis of the result of GPS observations in the EPN network and the results presented in the frame of the coordinate system ITRS2000 and using the apparatus of the continuum mechanics, the regions of possible mutual interactions of the Euroasian an African plates are detected.