

Results of the extensometric measurements at the Vyhne tidal station

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Abstract: New developments in electronic and computer techniques especially, in the field of low power consumption, high memory and computation capacity and of drivers input-output capabilities offer the possibility to build fully automatic instruments for the observations of the horizontal and vertical motions of the Earth's surface. Therefore the number and the length of gaps in the data records can be diminished, which contributes to the best interpretation of the long periodic geodynamical phenomena. A lot of data acquisition systems are presently available at the market which are apt for the fully automatic measuring of the deformations of the Earth's surface. Results of the extensometric measurements using digital recording system are described in the presented paper.

Key words: extensometric measurements

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