



## **Investigation of the Chandler motion ellipticity**

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Chandler motion subtracted from the series of the motion of the Earth pole with use of the singular spectral analysis was investigated. We tried to estimate its ellipticity, which can be connected with the Earth's core motion. Special filter was designed to reduce the influence of the components at the near-by frequencies. The excitation function of the Chandler component was reconstructed, it increases in the 1930.