

Application of the harmonic inversion method to the Kolárovo gravity anomaly

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Abstract: The method of gravity inversion developed by the author is applied to the Kolárovo gravity anomaly region. After interpolating the original data into a regular grid the characteristic density is calculated. The method for finding the shape of the anomalous body from the characteristic density is developed and applied. The results are the shapes of the anomalous body for four values of density within the body.

Key words: integral transformation, iteration

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