



Karst zones delimitation by textural analysis of gravity data

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Textural analysis of gravity data is used to delimitate the karst zones.

These analysis are used for detection and delimitation of rectangular prisms as the synthetic models.

A real example is also included where the Karst zones are detected by the textural analysis of residual gravity anomalies in a rough terrain area.

The computer code (Texture.m) provided by Cooper (2004) is used for these analysis.

The edges delimited by these analysis and analytic signal are compared.

Key words: Karst zones, gravity anomalies, textural analysis.