



Оптимизация на двумерни гравитационни модели в MATLAB среда

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Optimization of 2D gravity models in MATLAB environment

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The article presents the developed GRAVG-2Ds program elaborated to interpret gravity anomalies in MATLAB environment. The complexity of the problem is being reduced by describing the anomalous bodies with minimal number of parameters and establishing simple connection between the parameters and the anomalous gravity field. The programs and algorithms developed for computing the 2D gravity anomalies are based on the approximation of the bodies' vertical section outline to a polygon on which sides the gravity potential is distributed (Talwani, 1965).