

IDENTIFICATION ANALYSIS OF PETROPHYSICAL CHARACTERISTICS OF SEDIMENTARY ROCKS FROM THE VORONEZH ANTECLISE

O.M. Muravina

Voronezh State University, Voronezh, 394006

The article presents results from the identification analysis, which was aimed at revealing the approximated dependences for petrophysical parameters of core samples from sedimentary rocks of the Voronezh crystalline massif and within the neighboring territories, using the method of the group account of arguments. The analysis resulted in construction of structurally parametric equations (models) for rocks of various age groups. These proportions were vital for construction of the initial approximation of the generalized structural petrophysical model of the cover in the region.

Keywords: identification analysis, the method of the group account of arguments, petrophysics.