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Nota di contenuto	Experience of regional prediction of hydrocarbon deposits prospecting in the vicinity of Ural oil and gas provinces / Vladimir S. Druzhinin, Vjacheslav Osipov, and Nikolay Nachapkin -- Wavelet-based multifractal analysis of Landsat 8 images : applications to mineral deposits and shale gas reservoirs / Orietta Nicolis -- Seismic signal denoising using empirical mode decomposition / Said Gaci -- A lithological segmentation technique from well logs using the Hilbert-Huang transform / Said Gaci -- Seismic UNIX and GNU octave for VSP data processing and interpretation / Mohammed Farfour and Wang Jung Yoon -- Seismic spectral decomposition applications in seismic : a review and application / Mohammed Farfour, Jalal Ferahtia, Noureddine Djarfour, and Mohand Amokrane Aitouch -- Electromagnetic geophysical research with controlled source / Olga Hachay and Oleg Khachay -- Reflection of processes of nonequilibrium two-phase filtration in oil-saturated hierarchic medium by data of active wave geophysical monitoring / Olga Hachay and Andrey Khachay -- Defining the surface of the fluid-saturated porous inclusion in the hierarchic layered-block medium according to electromagnetic monitoring data /

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