

Table of Contents

Volume 5 Number 3

March 2015

Determine Stability Wellbore Utilizing by Artificial Intelligence Systems and Estimation of Elastic Coefficients of Reservoir Rock

H. Akhundi, M. Ghafoori, G.-R. Lashkaripour.....83

Analysis of Geomechanical Properties in Terms of Parametric Discontinuities on Stability of Tunnels Distinct Element Method (Case Study: Water Tunnel of Golab)

E. N. Dehnoo, H. Mirzeynali, A. Farrokhnia.....92

Tectonic Geomorphology of Atrak River, NE Iran

E. J. Mosavi, M. Arian.....106

Lineament Tectonics and Mineralization in Tarom Area, North Iran

M. Arian, R. Nouri.....115

Fault Movement Potential of Marzanabad Area, North Alborz, Iran

H. Moghimi, M. Arian, A. Sorbi.....126

Structural Analysis and Tectonic Investigation of Chamshir Dam Site, South West Zagros

R. Khavari.....136

Study on Improvement of Dumping Site Stability in Weak Geological Condition by Using Compacted Layer

T. Sasaoka, T. Karian, T. Amarsaikhan, A. Hamanaka, H. Shimada, K. Matsui.....144

Petro-Mineralogical Analysis of Sedimentary Phosphate of Marine Origin, Case of the Locality of El Kouif (Algerian-Tunisian Confines)

S. Boulemia, M. Hamimed, S. Bouhlel, J. Bejaoui.....156