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Education

- ✓ B.Sc, Mining exploration, University of Birjand - 2003
- ✓ MS, Mining exploration, Shahrood University of Technology - 2010
- ✓ PhD, Mining Engineering, Shahrood University of Technology - 2015

Courses

- | | |
|---|---|
| 1. Principles of Mineral Exploitation | 2. mining machines |
| 3. Constructional Rock Extraction | 4. operation research |
| 5. Laboratory Analytical Method of Minerals | 6. Principles of Mineral Exploration |
| 7. Safety , Health and Environment | 8. Economic Geology |
| 9. Mineral Economics | 10. Analytical methods of Minerals |
| 11. Operations research (2) | 12. Entrepreneurship |
| 13. Field Geology | 14. Acquainting of Mining Engineering Mining Industries |
| 15. Mine Economics | 16. Exploration Geochemistry |
| 17. Exploration Geophysics and Field Survey | 18. technology and waste management |
| 19. Material Handling | 20. Drilling Engineering |
| 21. Principles of exploration ore reserve evaluation | 22. Flotation and Laboratory |
| 23. Acquainting of Mining Engineering Mining Industries | 24. Safety , Health and Environment |
| 25. quarry ornamantal stones engineering | 26. Structural Geology |
| 27. Safety, Health and Environment in Mines | 28. Analysis of exploration data |

Journals Papers

2023

1. Prediction of fracture density in a gas reservoir using robust computational approaches

Guozhong Gao, Omid Hazbeh, Shadfar Davoodi, Somayeh Tabasi, Meysam Rajabi, Hamzeh Ghorbani, Ahmed E.

Frontiers in Earth Science Volume: (10) 01 - 22

2. Application of GMDH model to predict pore pressure

Guozhong Gao, Omid Hazbeh, Meysam Rajabi, Somayeh Tabasi, Hamzeh Ghorbani, Reza Seyedkamali, Mila

Frontiers in Earth Science Volume: (10) 01 - 12

2022

3. Evaluation and prediction of the rock static and dynamic parameters

Marzieh Khosravi, Somayeh Tabasi, Hany Hossam Eldien, Mohammad Reza Motahari, Seyed Mehdi Alizadeh

JOURNAL OF APPLIED GEOPHYSICS Volume: (199) 1 - 18

4. Data driven models to predict pore pressure using drilling and petrophysical data

Farshad Jafarizadeh, Meysam Rajabi, Somayeh Tabasi, Reza Seyedkamali, Shadfar Davoodi, Hamzeh Ghorba

Energy Reports Volume: () 6551 - 6562

5. Optimized machine learning models for natural fractures prediction using conventional well logs

Somayeh Tabasi, pezhman soltani tehrani, meysam rajabi, David A. Wood, Shadfar Davoodi, Hamzeh Ghorb

FUEL Volume: (326) 1 - 19

6. Estimation of dynamic properties of sandstones based on index properties using artificial neural network and multivariate linear regression methods

Sayed Mehdi Alizadeh, Amin Iraj, Somayeh Tabasi, Alim Al Ayub Ahmed, Mohammad Reza Motahari

Acta Geophysica Volume: () 225 - 242

2021

7. An Application of Fuzzy-VIKOR Method in Environmental Impact Assessment of the Boog Mine Southeast of Iran

Somayeh Tabasi, Gholamhassan Kakha

International Journal of Engineering Volume: (34) 1548 - 1559

2020

8. Environmental impact assessment and sustainability, level determination of Boog Granite Mine using Philips model

Gholamhassan Kakha, Somayeh Tabasi, Alireza Docheshmeh Gorgij, Mohsen Jami

Volume: (8) 199 - 212

2019

9. Potential of OM of Iranian peat and swamp and characterization of physico-chemical properties of organic soils

Somayeh Tabasi, kurdi milad, bahrammanesh maryamnaz

Journal of Mining and Environment Volume: (10) 401 - 416

10. Evaluation of the Impacting Factors on Sustainable Mining Development, Using the Grey-Decision Making Trial and Evaluation Laboratory Approach

Gholamhassan Kakha, Somayeh Tabasi, Mohsen Jami, Khashayar Danesh Narooei

International Journal of Engineering, Transactions A: Basics Volume: (32) 1497 - 1505