1. Record Nr. UNINA9911007486303321

Autore	Chen Zhaowei
Titolo	Casing Deformation Induced by Fault Slip During Shale Hydraulic Fracturing : Mechanism and Solutions / / by Zhaowei Chen, Degui Xiang, Qing Zhao, Peng Tan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9666-84-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XV, 218 p. 191 illus., 173 illus. in color.)
Disciplina	621.312132
Soggetti	Cogeneration of electric power and heat Fossil fuels Geology Industrial engineering Production engineering Geotechnical engineering Engineering geology Fossil Fuel Industrial and Production Engineering Geotechnical Engineering and Applied Earth Sciences Geoengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Causes and Mechanisms of Casing Deformation -- Types and Forming Conditions of Fluid Channels -- Assessment and Prediction of Fault/Fracture Slip Risk -- Quantitative Analysis Technique of Fault Slippage and Casing Deformation -- Casing Deformation Early Warning Technology -- Casing Deformation Control Technology -- Casing Deformation Prevention Technology.
Sommario/riassunto	This book systematically clarifies the casing deformation prevention and control technologies based on the integration of research area of both geology and engineering. These technologies incorporate reservoir geomechanics, casing deformation mechanics and hydraulic fracturing mechanics. It covers fluid channel-fault activation model and

casing deformation mechanisms, types and formation conditions of fluid channels, casing deformation risk prediction technology, casing deformation early warning technology based on microseismic and fracturing treatment curves, casing deformation control technology based on hydraulic fracturing simulation and casing deformation prevention strategy. This book is a valuable reference for both technical personnel and graduate students working in petroleum engineering, rock mechanics and reservoir geomechanics.

2. Record Nr. UNINA9910149511503321

Autore	Sefcick roland
Titolo	Pour penser la complexite humaine : 2e edition / / Roland Sefcick
Pubbl/distr/stampa	Éditions L'Harmattan, 2016
ISBN	9782140012648 214001264X
Descrizione fisica	1 online resource (262 p.)
Collana	Nomino ergo sum
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Cet essai propose une forme de pensee comme celle des theoriciens des quanta qui, ne pouvant experimenter sur l'invisible, ont developpe la representation d'objets complexes a partir d'un modele revisable : l'experience de pensee ideale. Cette modelisation, sans application directe, permettait d'etablir entre chercheurs des ' passerelles' de pensee, a condition de rester coherentes, accessibles et de respecter une epistemologie. Ce texte invite le lecteur, professionnel ou chercheur individuel, a s'interioriser et a voyager dans la complexite humaine.