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	Autore	Grismayer, Egisto
	Titolo	Conferenze di elettrotecnica / Egisto Grismayer
	Pubbl/distr/stampa	S.l. : s.e., s.d.
	Descrizione fisica	v. ; 25 cm
	Disciplina	621.3
	Lingua di pubblicazione	Italiano
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	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910366634603321
	Autore	Al-Shuhail Abdullatif
	Titolo	Attenuation of Incoherent Seismic Noise // by Abdullatif Al-Shuhail, Saleh Al-Dossary
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-32948-8
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XIV, 182 p.)
	Collana	Advances in Oil and Gas Exploration & Production, , 2509-372X
	Disciplina	662.6
	Soggetti	Fossil fuels Geotechnical engineering Engineering geology Engineering—Geology Foundations Hydraulics Fossil Fuels (incl. Carbon Capture) Geotechnical Engineering & Applied Earth Sciences Geoengineering, Foundations, Hydraulics
	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to seismic exploration -- Noise in seismic image -- Classical filters -- Robust filter – dealing with impulse noise -- Edge preserving smoothing -- Structure-enhancing filtering -- Denoising using signal model -- Advanced topics.
Sommario/riassunto	This book examines the effects of incoherent noise and how it leads to the misinterpretation of seismic data. It also reviews common noise reduction approaches and their drawbacks, focusing on developments that have occurred in the past decade. The main features of this book include: • Hands-on implementation in MATLAB and/or C • In-depth discussions of both theoretical and practical aspects of the subject • Supplementary, real-world seismic data • Detailed descriptions of structure-enhancing filters. Connecting the theory and practical implementation of noise reduction, the book helps readers fill the gap from equations to code, and from classical filters to the preservation and enhancement of a robust structure. Lastly, it highlights cutting-edge research in the area. As such, it is of interest to researchers in the fields of petroleum engineering, exploration seismology, and geophysics, as well as to practitioners working in the petroleum industry.