1. Record Nr. UNINA9910467035503321

Autore	Seal Graham <1950->
Titolo	Great convict stories : dramatic and moving tales from Australia's brutal early years / / Graham Seal
Pubbl/distr/stampa	Crows Nest, NSW : , : Allen & Unwin, , 2017
ISBN	1-76063-375-5
Descrizione fisica	1 online resource (305 pages) : map
Soggetti	Penal colonies Prisoners - Australia Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Record machine-generated from publisher information. Prologue: Lashland Introduction 1. Unpromising Beginnings 2. Perilous Voyages 3. The Convict Underworld 4. The System 5. Pain and Suffering 6. Troublemakers 7. Places of Condemnation 8. Desperate Escapes 9. The Felonry 10. A Convict Stain Appendix Glossary Notes and Sources Further Reading Acknowledgements.
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	'Graham Seal has the knack of the storyteller' Warren Fahey AM Graham Seal takes us back to Australia's ignominious beginnings, when a hungry child could be transported to the other side of the globe for the theft of a handkerchief. It was a time when men were flogged till they bled for a minor misdemeanour, or forced to walk the treadmill for hours. Teams in iron chains carved roads through sandstone cliffs with hand picks, and men could select wives from a line up at the Female Factory. From the notorious prison regimes at Norfolk Island, Port Arthur and Macquarie Harbour, came chilling accounts of cruelty, murder and even cannibalism. Despite the often harsh conditions, many convicts served their prison terms and built successful lives for themselves and their families. With a cast of colourful characters from around the country: the real Artful Dodger, intrepid bushrangers like Martin Cash and Moondyne Joe, and the legendary nurse Margaret Catchpole, Great Convict Stories offers a fascinating insight into life in

Australia's first decades.

2. Record Nr. UNINA9910863104803321

Autore	Wang Yongliang
Titolo	Adaptive Analysis of Damage and Fracture in Rock with Multiphysical Fields Coupling / / by Yongliang Wang
Pubbl/distr/stampa	Springer Singapore, 2021 Singapore : , : Springer Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-7197-X
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (204 pages)
Disciplina	624.15132
Soggetti	Geotechnical engineering Applied mathematics Engineering mathematics Geotechnical Engineering & Applied Earth Sciences Mathematical and Computational Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Finite element algorithm for continuum damage evolution of rock considering hydro-mechanical coupling -- Finite element analysis for continuum damage evolution and wellbore stability of transversely isotropic rock considering hydro-mechanical coupling -- Finite element analysis for continuum damage evolution and inclined wellbore stability of transversely isotropic rock considering hydro-mechanical-chemical coupling. .
Sommario/riassunto	This book mainly focuses on the adaptive analysis of damage and fracture in rock, taking into account multiphysical fields coupling (thermal, hydro, mechanical, and chemical fields). This type of coupling is a crucial aspect in practical engineering for e.g. coal mining, oil and gas exploration, and civil engineering. However, understanding the influencing mechanisms and preventing the disasters resulting from damage and fracture evolution in rocks require high-precision and reliable solutions. This book proposes adaptive numerical algorithms

and simulation analysis methods that offer significant advantages in terms of accuracy and reliability. It helps readers understand these innovative methods quickly and easily. The content consists of: (1) a finite element algorithm for modeling the continuum damage evolution in rocks, (2) adaptive finite element analysis for continuum damage evolution and determining the wellbore stability of transversely isotropic rock, (3) an adaptive finite element algorithm for damage detection in non-uniform Euler–Bernoulli beams with multiple cracks, using natural frequencies, (4) adaptive finite element–discrete element analysis for determining multistage hydrofracturing in naturally fractured reservoirs, (5) adaptive finite element–discrete element analysis for multistage supercritical CO2 fracturing and microseismic modeling, and (6) an adaptive finite element–discrete element–finite volume algorithm for 3D multiscale propagation of hydraulic fracture networks, taking into account hydro-mechanical coupling. Given its scope, the book offers a valuable reference guide for researchers, postgraduates and undergraduates majoring in engineering mechanics, mining engineering, geotechnical engineering, and geological engineering. .