

1. Record Nr.	UNINA9910688267203321
Autore	Abdallah Zak
Titolo	Advances in Fatigue and Fracture Testing and Modelling / / Zak Abdallah, Nada Aldoumani
Pubbl/distr/stampa	London : , : IntechOpen, , 2022
Descrizione fisica	1 online resource (118 pages)
Disciplina	620.1126
Soggetti	Materials - Fatigue
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Advances in Fatigue and Fracture Testing and Modelling explores various aspects related to fatigue and fracture in metallic and non-metallic materials in terms of mechanical testing and numerical modelling. The book provides results of research work conducted by experts worldwide. It discusses fatigue failure of materials and presents possible numerical solutions. It also presents predictive models and finite element (FE) activities to illustrate the behaviour of materials in real-life conditions.