1.

Record Nr.	UNINA990003145860403321
Autore	Bastiat, Frédéric <1801-1850>
Titolo	Oeuvres complétes de Frédéric bastiat / mises en ordre revues et annotées d'aprés les manuscrits de l'auteur par M.Paillottet et précédées d'une notice biographique par R. De Fontenay
Pubbl/distr/stampa	Paris : Guillaumin, 1862-1873
Descrizione fisica	7 v. ; 18 cm
Disciplina	D/9
Locazione	SES
Collocazione	A/70 BAS
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Tome 1: Correspondance. Mélanges. - Tome 2: Le libre-èchange. - Tome 3: Cobden et la ligue. - Tomes 4-5: Sophismes économiques. Petits pamphlets. - Tome 6: Harmonies économiques. - Tome 7: Essais, ébauches, correspondance

2. Record Nr. UNINA9910349469803321

Autore	Li Longbiao
Titolo	Damage, Fracture, and Fatigue of Ceramic-Matrix Composites / / by Longbiao Li
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	9789811317835 981-13-1783-6
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (VIII, 244 p. 172 illus., 146 illus. in color.)
Disciplina	620.14
Soggetti	Ceramics Glass Composite materials Aerospace engineering Astronautics Mechanics Mechanics, Applied Ceramics, Glass, Composites, Natural Materials Aerospace Technology and Astronautics Solid Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Tensile Behavior of Ceramic-Matrix Composites -- Fatigue Hysteresis Behavior of Ceramic-Matrix Composites -- Interface Damage of Ceramic-Matrix Composites -- Fatigue Life Prediction of Ceramic-Matrix Composites.
Sommario/riassunto	This book focuses on the damage, fracture and fatigue of ceramic-matrix composites. It investigates tensile damage and fracture, fatigue hysteresis, and the properties of interfaces subjected to cyclic fatigue loading. Further, it predicts fatigue life at room and elevated temperatures using newly developed damage models and methods, and it analyzes and compares damage, fracture and fatigue behavior of different fiber performs: unidirectional, cross-ply, 2D and 2.5D woven. The developed models and methods can be used to predict the damage

and lifetime of ceramic-matrix composites during applications on hot section components. Ceramic-matrix composites (CMCs) are high-temperature structural materials with the significant advantages of high specific strength, high specific modulus, high temperature resistance and good thermal stability, which play a crucial role in the development of high thrust weight ratio aero engines. The critical nature of the application of these advanced materials makes comprehensive characterization a necessity, and as such this book provides designers with essential information pertaining not only to the strength of the materials, but also to their fatigue and damage characteristics.