1. Record Nr.   UNISALENTO991001020509707536

   Autore   Meyer, Richard E.

   Titolo   Introduction to mathematical fluid dynamics / Richard E. Meyer

   Pubbl/distr/stampa New York : Wiley-Interscience Publ., c1971

   ISBN   0471600504

   Descrizione fisica xi, 185 p. : ill. ; 24 cm.

   Collana   Pure and applied mathematics. A wiley-interscience series of texts,
                      monographs & tracts, ISSN 00798185 ; 24

   Classificazione   AMS 76-XX

   Disciplina   532.05

   Soggetti   Fluid dynamics

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliography: p. 175-177

2.	Record Nr.	UNINA9910557474603321
	Autore	Spagnoli Andrea
	Titolo	Fatigue and Fracture of Non-metallic Materials and Structures
	Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
	Descrizione fisica	1 online resource (586 p.)
	Soggetti	History of engineering and technology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	The mechanics of fracture and fatigue have produced a huge body of research work in relation to applications to metal materials and structures. However, a variety of non-metallic materials (e.g., concrete and cementitious composites, rocks, glass, ceramics, bituminous mixtures, composites, polymers, rubber and soft matter, bones and biological materials, and advanced and multifunctional materials) have received relatively less attention, despite their attractiveness for a large spectrum of applications related to the components and structures of diverse engineering branches, applied sciences and architecture, and to the load-carrying systems of biological organisms. This book covers the broad topic of structural integrity of non-metallic materials, considering the modelling, assessment, and reliability of structural elements of any scale. Original contributions from engineers, mechanical materials scientists, computer scientists, physicists, chemists, and mathematicians are presented, applying both experimental and theoretical approaches.