1. Record Nr. UNINA990001064950403321

Autore	Stabler, Edward Russell
Titolo	An Introduction to Mathematical Thought / by E.R. Stabler
Pubbl/distr/stampa	Reading [MA] : Addison-Wesley, 1953, c.1948
Descrizione fisica	xviii, 268 p. ; 22 cm
Disciplina	519
Locazione	FI1
Collocazione	4A-104
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910639994603321

Autore	Bruno Giovanni
Titolo	Micro Non-destructive Testing and Evaluation
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-6180-3
Descrizione fisica	1 electronic resource (314 p.)
Soggetti	Technology: general issues History of engineering & technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book discusses the manifold applications of several non-destructive methods to a few classes of materials. In particular, X-ray imaging techniques (both in the laboratory and at synchrotron radiation sources) as well Eddy current and magnetic methods are used in a few

example materials (metals, concrete and others) to assess the quality of large components and these techniques' suitability as materials characterization tools. Advanced non-destructive evaluation techniques, such as neutron and synchrotron X-ray diffraction, only available at large-scale installations, are also shown to yield particularly relevant information about the residual stress of additively manufactured materials and components. Such large-scale techniques complement laboratory tools well in accessing all the scales of application from micro-level to conventional non-destructive techniques.