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| 1. Record Nr. | UNINA990001451670403321 |
| Autore | Bogusch, Edwin R. |
| Titolo | Laboratory manual for general Botany / by Edwin R. Bogusch and George G. Williges |
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| Descrizione fisica | iii, 115 p. : ill. ; 30 cm |
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| 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
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| 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.
