Record Nr. UNINA9910558493103321 Autore **Zhong Shuncong** Titolo Nondestructive testing and evaluation of fiber-reinforced composite structures / / Shuncong Zhong and Walter Nsengiyumva Pubbl/distr/stampa Singapore:,: Springer,, [2022] ©2022 981-19-0848-6 **ISBN** Descrizione fisica 1 online resource (431 pages) Disciplina 620.118 Soggetti Fibrous composites - Testing Fibrous composites - Design and construction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia This book presents a detailed description of the most common Sommario/riassunto nondestructive testing(NDT) techniques used for the testing and evaluation fiber-reinforced composite structures, during manufacturing and/or in service stages. In order to facilitate the understanding and the utility of the different NDT techniques presented, the book first provides some information regarding the defects and material degradation mechanisms observed in fiber-reinforced composite structures as well as their general description and most probable

causes.