1. Record Nr. UNINA9910482504903321

Autore	Guenther Johann <1505-1574.>
Titolo	Institutionum anatomicarum secundum Galeni sententiam ... libri quatuor ... / Ab Andrea Wesalio Bruxellensi, auctiores et emendatiores redditi [[electronic resource]]
Pubbl/distr/stampa	Venice, : Melchior Sessa, 1538
Descrizione fisica	Online resource (14[16] leaves (last 3 blank), 101 leaves , (16mo))
Altri autori (Persone)	VesaliusAndreas <1514-1564.>
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in The Wellcome Library, London.

2. Record Nr. UNINA9910726288503321

Autore	Puchalski Andrzej
Titolo	Advances in Technical Diagnostics II : Proceedings of the 7th International Congress on Technical Diagnostics, ICTD 2022, 14–16 September 2022, Radom, Poland / / edited by Andrzej Puchalski, Bogusaw Edward azarz, Fakher Chaari, Iwona Komorska, Radoslaw Zimroz
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	9783031317194 9783031317187
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (242 pages)
Collana	Applied Condition Monitoring, , 2363-6998 ; ; 21
Altri autori (Persone)	azarzBogusaw Edward ChaariFakher KomorskaIwona ZimrozRadosaw
Disciplina	621.38
Soggetti	Cooperating objects (Computer systems) Machinery Multibody systems Vibration Mechanics, Applied Materials - Fatigue Cyber-Physical Systems Machinery and Machine Elements

	Multibody Systems and Mechanical Vibrations Materials Fatigue
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Ship diesel engine fault diagnosis using data science and machine learning -- Laser spot thermography for defect detection in composite structure -- Monitoring the technical condition of the marine turbine engines by analysis of rundown resonance parameter -- Theoretical-experimental determination of CVT power losses due to rubber V-belt vibrations -- Dynamic model for simulation of phenomena occurring in a planetary gear operating in a power transmission system -- Acoustic emission monitoring for wire drawing process -- Cycloidal gearbox model for transient analysis implemented in Fortran with constant time step 2nd order integrator -- Experimental setup for nondestructive testing of composite structures using laser spot thermography -- Neural network-based road surface condition monitor concept -- Method of fault detection of drive systems using features of Park's vector hodograph.
Sommario/riassunto	This book reports on recent theories and methods for diagnostics and condition monitoring of machines, materials and industrial processes, with a special emphasis on the application of artificial intelligence and intelligent control systems. Gathering original contributions to the 7th International Congress on Technical Diagnostics, ICTD2022, held on September 14–16, 2022, in Radom, Poland, this book offers extensive information on the latest trends in machine diagnostics and on IoT, smart sensors and machine learning technology in advanced condition monitoring. It addresses both scientists and professionals and is intended to foster communication and collaborations between the two groups.