1. Record Nr. UNISA996384420703316

Autore	Bradley Thomas <1597-1670.>
Titolo	Appello [sic] Cæsarem, or, An appeal to Cæsar [[electronic resource]] : in vindication of a little book printed some years since the time of our troubles and intituled A præsent for Cæsar / / both done by Tho. Bradley
Pubbl/distr/stampa	Yorke, : Printed by Alice Broad, 1661
Descrizione fisica	39 p
Soggetti	Taxation - Great Britain Tithes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9910736030503321

Autore	Kuttner Thomas
Titolo	Practice of Vibration Measurement : Measurement Technology and Vibration Analysis with MATLAB® / / by Thomas Kuttner, Armin Rohnen
Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer, , 2023
ISBN	9783658384630 3658384638
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (547 pages)
Altri autori (Persone)	RohnenArmin
Disciplina	629.8312 003
Soggetti	Automatic control Automotive engineering Control and Systems Theory Automotive Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Vibrations and their measurement -- Measurement task and its realization -- Vibrations in the time and frequency domain -- Free vibrations -- Forced vibrations -- Vibration transducers -- Displacement transducers -- Fast transducers (vibration velocity transducers) -- Acceleration transducers -- Deformational transducers -- Signal processing -- MATLAB® and data formats - an introduction -- Measuring with MATLAB® -- Raspberry Pi as a measuring device -- Methods and examples for signal analysis -- Experimental modal analysis.
Sommario/riassunto	This technical book deals clearly with the construction and practical operation of vibration measurement systems. It describes the functioning of the entire measurement chain from the transducer to the evaluation and illustrates the interaction of the elements with numerous practical examples. A completely new focus is vibration analysis using MATLAB®. Contents Vibrations and their measurement - Measurement task and its realization - Vibrations in the time and frequency domain - Free vibrations - Forced vibrations - Vibration

transducers - Displacement transducers - Fast transducers (vibration velocity transducers) - Acceleration transducers - Deformation transducers - Signal processing - MATLAB® and data formats, an introduction - Measuring with MATLAB® - Raspberry Pi as a measuring device - Methods and examples for signal analysis - Experimental modal analysis The target groups Students with basic knowledge and young professionals who want to solve their first practical measurement tasks independently Engineers and technicians in industrial practice who plan, perform and evaluate measurements Specialists for a part of the measurement chain and career changers who want to better understand the interaction within the measurement chain The authors Prof. Thomas Kuttner teaches at the University of the Federal Armed Forces Munich, Faculty of Mechanical Engineering. His work focuses on vibration measurement technology, experimental fatigue strength and test bench technology. Dipl.-Ing. Armin Rohnen teaches at the Munich University of Applied Sciences, Faculty of Mechanical Engineering, Automotive Engineering, Aircraft Engineering. He is specialized in the application of MATLAB® in measurement and signal analysis. This book is a translation of an original German edition. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation.