1. Record Nr. UNISALENTO991000964359707536

Autore	Séminaire de geometrie algebrique <1967/69 ; Bois Marie>
Titolo	Groupes de monodromie en géométrie algébrique / dirigé par A. Grothendiek ; avec la collaboration de M. Raynaud et D. S. Rim
Pubbl/distr/stampa	Berlin : Springer-Verlag, 1972-73
ISBN	3540059873
Descrizione fisica	2 v. ; 24 cm
Collana	Lecture notes in mathematics, 0075-8434 ; 288 Lecture notes in mathematics, 0075-8434 ; 340 Seminaire de geometrie algebrique du Bois Marie 1967-69 (SGA 7) ; I Seminaire de geometrie algebrique du Bois Marie 1967-69 (SGA 7) ; II
Classificazione	AMS 14-06
Altri autori (Persone)	Grothendieck, Alexander
Disciplina	516.35
Soggetti	Algebraic geometry - Congresses
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910141437703321

Autore	Sofronas Anthony
Titolo	Case histories in vibration analysis and metal fatigue for the practicing engineer [[electronic resource] /] / Anthony Sofronas
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2012
ISBN	1-283-54974-3 9786613862198 1-118-37170-4 1-118-37169-0 1-118-37171-2
Descrizione fisica	1 online resource (308 p.)
Disciplina	620.1/1248
Soggetti	Machinery - Vibration Vibration - Testing Metals - Fatigue
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CASE HISTORIES INVIBRATION ANALYSIS AND METAL FATIGUE FOR THE PRACTICING ENGINEER; CONTENTS; Preface; 1 Introduction; Reference; 2 Basics of Vibration; 2.1 Spring-Mass Systems and Resonance; 2.2 Case History: Combining Springs and Masses in a Steam Turbine Problem; 2.3 Useful Questions to Ask Before Beginning a Vibration Analysis; 2.4 Linear Spring Constants and Area Moments of Inertia; 2.5 Vibrating Flat Plates; 2.6 Two-Degree Tuned Vibration Absorber; 2.7 Natural Frequencies of Pipes and Beams; 2.8 Effect of Clearance on the Natural Frequency 2.9 Static Deflection and Pendulum Natural Frequency 2.10 Coupled Single-Mass Systems; References; 3 Vibration-Measuring Methods and Limits; 3.1 Important Frequencies; 3.2 Campbell Diagrams; 3.3 Case History: Systematic Procedure to Identify a Vibration Source; 3.4 Vibration-Measuring Terms; 3.5 Cascade Diagram; 3.6 Shock Pulse Method; 3.7 Measuring Transducers; 3.8 Measurements: Time-Based, Bode, and Orbit Plots; 4 Simple Analytical Examples; 4.1 Determining Vibration Amplitude; 4.2 Resonant and Off-Resonant Amplitudes; 4.3

Case History: Transmitted Force and Isolation of a Roof Fan
4.4 Case History: Seal Failure Due to Misalignment of an Agitator Shaft
4.5 Case History: Structural Vibration; 4.6 Case History: Production-Line Grinding Problem; 4.7 Case History: Vehicle on Springs; 4.8 Case History: Vibrating Cantilevered Components; 4.9 Bump Test; 4.10 Case History: Vibrating Pump Mounted on a Plate Deck; 4.11 Case History: Misalignment Force; 4.12 Case History: Vertical Pump Vibrations and Bearing Survival; 4.13 Case History: Cause of Mysterious Movement on a Centrifuge Deck; 4.14 Case History: Engine Vibration Monitoring Device
4.15 Case History: Natural Frequency of A Midsupport Vertical Mixer
4.16 Case History: Valve Float Analysis; References; 5 Vibration-Based Problems and Their Sources; 5.1 Fatigue Cracking; 5.2 Fretting and Wear; 5.3 Ball and Roller Bearing Failures; 5.4 Bolt Loosening; 5.5 Flow-Induced Vibration; 5.5.1 Case History: Stack Vibration Induced by Wind; 5.6 Excessive Noise; 5.7 Pressure Pulsations; 5.8 Mechanical Seal Chipping and Damage; 5.9 Surging of Fans and Other Causes of Vibration; 5.10 Vibration Due to Beats; 5.11 The Slip-Stick Problem; 5.12 Drive Belt Vibration; References
6 Causes of Vibrations and Solutions in Machinery 6.1 Rotating Imbalance; 6.1.1 Case History: Motor Imbalance; 6.2 Causes of Shaft Misalignment; 6.2.1 Types of Misalignment; 6.2.2 Thermal Offset; 6.2.3 Acceptable Coupling Offset and Angular Misalignment; 6.3 A Problem in Measuring Vibration on Large Machines; 6.4 Causes of Pump Vibration; 6.4.1 NPSH Problems and Cavitation; 6.4.2 Suction Vortex; 6.4.3 Off Best Efficiency Point; 6.4.4 Vertical Pump Vibration; 6.4.5 Pump Vibration Level Guidelines; 6.5 Other Causes of Motor Vibration; 6.5.1 Electrical Causes; 6.5.2 Mechanical Cause
6.5.3 Motor Vibration-Level Guidelines

Sommario/riassunto

This highly accessible book provides analytical methods and guidelines for solving vibration problems in industrial plants and demonstrates their practical use through case histories from the author's personal experience in the mechanical engineering industry. It takes a simple, analytical approach to the subject, placing emphasis on practical applicability over theory, and covers both fixed and rotating equipment, as well as pressure vessels. It is an ideal guide for readers with diverse experience, ranging from undergraduate students to mechanics and professional engineers.

3.

Record Nr.	UNINA9910851982703321
Autore	Peng Nian
Titolo	The Reality and Myth of BRI’s Debt Trap : Evidences from Asia and Africa / / edited by Nian Peng, Ming Yu Cheng
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819710560 9819710561
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (233 pages)
Collana	Indo-Pacific Focus, , 2731-8877
Disciplina	336.3435
Soggetti	International economic relations Asia - Politics and government International relations Asia - Economic conditions International Political Economy’ Asian Politics International Relations Asian Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Misunderstandings on BRI’s Debt Trap -- India and BRI’ s Debt Trap -- Debt Issue/Debt Management and BRI in Myanmar -- Debt Issue/Debt Management and BRI in Cambodia -- Debt Issue/Debt Management and BRI in Laos -- From Aquino to Duterte: Examining the Reality and Myth of the “Debt Trap” in the Philippines.
Sommario/riassunto	This edited book aims to present a well-balanced view on the heated debate about BRI’s “debt trap” controversy within the route states by presenting compelling evidence from Asian and African countries. It is contributed by the university scholars, think tank experts, and governmental officials from the concerned parties such as China, USA, South/Southeast Asia, and Africa to discuss this new topic from their perspectives. It not only examines the origins and changes in external debt among the BRI route states before and after the launch of the BRI, but also analyzes the outcomes stemming from BRI projects. The book covers 12 chapters, in which the first chapter briefly introduces the

aims and scope of this book. The following 2 chapters look at Chinese and Indian perspectives on the “debt trap”, respectively. The next 9 chapters examine the debt issue and BRI projects in Southeast Asian, South Asian, and African states, which mainly involve Myanmar, Cambodia, Laos, the Philippines, Malaysia, Indonesia, Bangladesh, Nepal, and Nigeria, and give some useful policy suggestions to reduce the debt burden and promote the socioeconomic development in these countries.