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| 1. Record Nr. | UNINA9910464900703321 |
| Autore | Balachandran G. |
| Titolo | John Bullion's empire : Britains' gold problem and India between the wars // G. Balachandran |
| Pubbl/distr/stampa | London ; ; New York : , : Routledge, , 2013 |
| ISBN | 1-315-02659-7 1-136-79057-8 |
| Descrizione fisica | 1 online resource (265 p.) |
| Collana | London studies on South Asia ; ; 10 |
| Disciplina | 332.4/954 |
| Soggetti | Monetary policy - Great Britain Monetary policy - India Electronic books. Great Britain Economic policy 1918-1945 India Economic policy |
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| Note generali | First published in 1996 by Curzon Press. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Cover; Half Title; Title Page; Copyright Page; Dedication; Table of Contents; List of Tables; Acknowledgements; 1 Introduction; India and British 'Internationalism' Between the Wars; Interests, Ideas, and Economic Policy; Interests and Ideas in Indian Monetary Affairs; The Interwar India Office and the City of London; Plan of the Book; 2 The Rupee in a Changing World; The Indian Currency System; The Gold Exchange Standard; The Role of Gold; Gold for India: Changing British Perceptions; 3 Britain, U.S.A. and the 'Surpluses of the Orient': 1916-18; British External Finance in the War Britain, the U.S.A., and Indian Gold Imports during the War Indian Trade in the War; The Convertibility Crisis; The Pittman Silver Agreement; Summary and Conclusion; 4 'Gold for the West and Silver for the East': Currency Policy in Postwar India; Indian Currency Dilemmas after the War; The Babbington-Smith Committee; The Triangular Context Revisited; Treasury Response to the Report; The Overflowing Sink; Summary and Conclusion; 5 Stabilizing the Floating Rupee: 1921-6; The External Environment; The Managed Float Regime in India; Currency Commission and Stabilization; Conclusion |

6 Britain, U.S.A., and the Indian Gold Standard Controversy, 1925-7The Making of a Commission; The Gold Standard Controversy; The Politics of Silver, 1927-35; Gold-Bullion Standard - Myth and Reality; 7 The Depression Years; 'Gold Shortage' and the Sterling Crisis; The Depression and India's External Sector; The Policy Response and Constraints; Gold Exports and Sterling Policy; Gold Exports and the Indian Economy; A Gold Glut?; Conclusion; 8 The Politics of Monetary Autonomy and the Imperial Interest in Interwar India; The Early Impetus for Central Banking

The Reserve Bank Controversy of 1927-8The Reserve Bank and Political Reform; 'Monetary Autonomy': A Summing Up; 9 Conclusion: India and the Crisis of British Finance; Bibliography; Index

Sommario/riassunto

Study of the impact of Britain's economic and financial crises on currency and monetary policy-making in India between the wars, analysing colonial policies during Anglo-US efforts to reconstruct the international financial system and Britain's struggle to restore the pre-eminence of sterling and the City.

2. Record Nr.

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Autore

Grous Ammar

Titolo

Applied reliability [[electronic resource] /] / Ammar Grous

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London, : ISTE
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ISBN

1-118-58002-8
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Descrizione fisica

1 online resource (364 p.)

Collana

Fracture mechanics ; 2
Mechanical engineering and solid mechanics series

Disciplina

620.0045

Soggetti

Reliability (Engineering)

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Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Description based upon print version of record.

Nota di bibliografia

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Nota di contenuto

Title Page; Contents; Preface; Glossary; Chapter 1. Fracture Mechanisms

by Fatigue; 1.1. Introduction; 1.2. Principal physical mechanisms of cracking by fatigue; 1.2.1. Fracture mechanics; 1.2.2. Criteria of fracture (plasticity) in mechanics; 1.3. Modes of fracture; 1.3.1. Directed works; 1.4. Fatigue of metals: analytical expressions used in reliability; 1.4.1. Wohler's law; 1.4.2. Basquin's law (1910); 1.4.3. Stromayer's law (1914); 1.4.4. Palmgren's law; 1.4.5. Corson's law (1949); 1.4.6. Bastenaire's law; 1.4.7. Weibull's law; 1.4.8. Henry's law; 1.4.9. Corten and Dolen's law

1.4.10. Manson-Coffin's law 1.5. Reliability models commonly used in fracture mechanics by fatigue; 1.5.1. Coffin-Manson's model for the analysis of crack propagation; 1.5.2. Neuber's relation (1958); 1.5.3. Arrhenius' model; 1.5.4. Miner's law (1954); 1.6. Main common laws retained by fracture mechanics; 1.6.1. Fost and Dugdale's law; 1.6.2. McEvily's law (1979); 1.6.3. Paris's law; 1.6.4. G.R. Sih's law; 1.7. Stress intensity factors in fracture mechanics; 1.7.1. Maddox's model; 1.7.2. Gross and Srawley's model; 1.7.3. Lawrence's model; 1.7.4. Martin and Bousseau's model

1.7.5. Gurney's model 1.7.6. Engesvik's model; 1.7.7. Yamada and Albrecht's model; 1.7.8. Tomkins and Scott's model; 1.7.9. Harrison's model; 1.8. Intrinsic parameters of the material (C and m); 1.9. Fracture mechanics elements used in reliability; 1.10. Crack rate (life expectancy) and s.i.f. (K); 1.10.1. Simplified version of Taylor's law for machining; 1.11. Elements of stress (S) and resistance theory (R); 1.11.1. Case study, part 2 - suspension bridge (Cirta); 1.11.2. Case study: failure surface of geotechnical materials; 1.12. Conclusion; 1.13. Bibliography

2.4.1. Development and calculations 2.5. Confidence interval for estimating a normal mean: unknown variance; 2.6. Conclusion; 2.7. Bibliography; Chapter 3. Analysis of the Reliability of Materials and Structures by the Bayesian Approach; 3.1. Introduction to the Bayesian method used to evaluate reliability; 3.2. Posterior distribution and conjugate models; 3.2.1. Independent events; 3.2.2. Counting diagram; 3.3. Conditional probability or Bayes' law; 3.4. Anterior and posterior distributions; 3.5. Reliability analysis by moments methods, FORM/SORM

3.6. Control margins from the results of fracture mechanics

Sommario/riassunto

This second book of a 3-volume set on Fracture Mechanics completes the first volume through the analysis of adjustment tests suited to correctly validating the justified use of the laws conforming to the behavior of the materials and structures under study. This volume focuses on the vast range of statistical distributions encountered in reliability. Its aim is to run statistical measurements, to present a report on enhanced measures in mechanical reliability and to evaluate the reliability of repairable or unrepairable systems. To achieve this, the author presents a theoretical and

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| 3. Record Nr. | UNINA9910805501403321 |
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