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| 1. Record Nr. | UNINA9910789121503321 |
| Titolo | Information beyond borders : international cultural and intellectual exchange in the Belle Époque / / edited by W. Boyd Rayward ; Alistair Black [and eighteen others], contributors |
| Pubbl/distr/stampa | Surrey, England ; ; Burlington, Vermont : , : Ashgate, , 2014 ©2014 |
| ISBN | 1-315-58851-X 1-317-11680-1 1-317-11679-8 1-4094-4226-8 |
| Descrizione fisica | 1 online resource (337 p.) |
| Altri autori (Persone) | RaywardW. Boyd <1939-> BlackAlistair |
| Disciplina | 001.09/034 |
| Soggetti | Information services - History - 19th century Information services - History - 20th century Documentation - History Information society - History Intellectual cooperation - History |
| 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 at the end of each chapters and index. |
| Nota di contenuto | Cover; Contents; List of Figures; Notes on Contributors; Acknowledgements; Introduction International Exhibitions, Paul Otlet, Henri La Fontaine and the Paradox of the Belle Epoque; 1 Of Artifacts and Organs: World Telegraph Cables and Ernst Kapp's Philosophy of Technology; 2 The Formation of Global News Agencies, 1859-1914; 3 "In the Pursuit of Colonial Intelligence": The Archive and Identity in the Australian Colonies; 4 Divided Space-Divided Science? Closing and Transcending Scientific Boundaries in Central Europe 5 Scholarly Networks and International Congresses: The Orientalists before the First World War 6 Organizing a Global Idiom: Esperanto, Ido and the World Auxiliary Language Movement; 7 Beyond Babel: Esperanto, Ido and Louis Couturat's Pursuit of an International Scientific |

Language; 8 Laboratories of Social Thought; 9 Sociology in Brussels, Organicism and the Idea of a World Society; 10 Collecting Paper: Die Brucke, the Bourgeois Interior, and the Architecture of Knowledge; 11 Alfred H. Fried and the Challenges for "Scientific Pacifism" in the Belle Epoque

12 Global Government through Science: Pieter Eijkman's Plans for a World Capital 13 Dynamics of Networks and of Decimal Classification Systems, 1905-35; 14 The Great Classification Battle of 1910: A Tale of "Blunders and Bizzareries" at the Melbourne Public Library; 15 From Display to Data: the Commercial Museum and the Beginnings of Business Information, 1870-1914; 16 An Information Management Tool for Dismantling Barriers in Early Multinational Corporations; Index

Sommario/riassunto

This book analyses the dynamics of the emerging networks of individuals, organizations, technologies and publications by which means information was exchanged across and through all kinds of borders and boundaries in this period. It extends the frame within which historical discourse about information can take place by bringing together scholars not only from different disciplines but also from different national and linguistic backgrounds. It will be of interest to scholars and students of information history and the emergence of the information society as well as to social and cultural histo

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| 2. Record Nr. | UNINA9910968129903321 |
| Autore | Kumar Anurag |
| Titolo | Communication networking : an analytical approach / / Anurag Kumar, D. Manjunath, Joy Kuri |
| Pubbl/distr/stampa | Amsterdam ; ; Boston, : Elsevier/Morgan Kaufmann, c2004 |
| ISBN | 9786611189877 9781281189875 1281189871 9780080488516 008048851X |
| Edizione | [1st edition] |
| Descrizione fisica | 1 online resource (958 p.) |
| Collana | The Morgan Kaufmann series in networking |
| Altri autori (Persone) | KuriJoy ManjunathD |
| Disciplina | 004.6/5 621.382 |
| Soggetti | Multiplexing Routers (Computer networks) Telecommunication systems - Management Telecommunication - Switching systems |
| 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 | Front Cover; COMMUNICATION NETWORKING: An Analytical Approach; Copyright Page; Contents; Preface; Chapter 1. Introduction: Two Examples; 1.1 Efficient Transport of Packet Voice Calls; 1.2 Achievable Throughput in an Input-Queueing Packet Switch; 1.3 The Importance of Quantitative Modeling in the Engineering of Telecommunication Networks; 1.4 Summary; 1.5 Notes on the Literature; Problems; Chapter 2. Networking: Functional Elements and Current Practice; 2.1 Networking as Resource Sharing; 2.2 The Functional Elements; 2.3 Current Practice; 2.4 Summary and Our Way Forward 2.5 Notes on the Literature Problems; Part I: Multiplexing; Chapter 3. Multiplexing: Performance Measures and Engineering Issues; 3.1 Network Performance and Source Characterization; 3.2 Stream Sessions in a Packet Network: Delay Guarantees; 3.3 Circuit-Multiplexed Networks; 3.4 Elastic Transfers in a Packet Network: Feedback Control; |

3.5 Packet Multiplexing over Wireless Networks; Chapter 4. Stream Sessions: Deterministic Network Analysis; 4.1 Events and Processes in Packet Multiplexer Models: Universal Concepts; 4.2 Deterministic Traffic Models and Network Calculus; 4.3 Scheduling
4.4 Application to a Packet Voice Example 4.5 Connection Setup: The RSVP Approach; 4.6 Scheduling (Continued); 4.7 Summary; 4.8 Notes on the Literature; Appendix; Problems; Chapter 5. Stream Sessions: Stochastic Analysis; 5.1 Deterministic Calculus Can Yield Loose Bounds; 5.2 Stochastic Traffic Models; 5.3 Additional Notation; 5.4 Performance Measures; 5.5 Little's Theorem, Brumelle's Theorem, and Applications; 5.6 Multiplexer Analysis with Stationary and Ergodic Traffic; 5.7 The Effective Bandwidth Approach for Admission Control; 5.8 Application to the Packet Voice Example
5.9 Stochastic Analysis with Shaped Traffic 5.10 Multihop Networks; 5.11 Long-Range-Dependent Traffic; 5.12 Summary; 5.13 Notes on the Literature; Problems; Chapter 6. Circuit-Multiplexed Networks; 6.1 Introduction and Sample Applications; 6.2 Multiclass Traffic on a Single Link; 6.3 Overflow and Non-Poisson Traffic; 6.4 Multiclass Networks; 6.5 Erlang Fixed-Point Approximation; 6.6 Admission Control; 6.7 Waiting Room and Retrials; 6.8 Channel Allocation in Cellular Networks; 6.9 Wavelength Allocation in Optical Networks; 6.10 Summary; 6.11 Notes on the Literature; Problems
Chapter 7. Adaptive Bandwidth Sharing for Elastic Traffic 7.1 Elastic Transfers in a Network; 7.2 Network Parameters and Performance Objectives; 7.3 Sharing a Single Link; 7.4 Rate-Based Control (RBC); 7.5 Window-Based Control (WBC): General Principles; 7.6 TCP: The Internet's Adaptive Window Protocol; 7.7 Bandwidth Sharing in a Network; 7.8 Summary; 7.9 Notes on the Literature; Problems; Chapter 8. Multiple Access: Wireless Networks; 8.1 Bits over a Wireless Link: Principles, Issues, and Trade-Offs; 8.2 Bits over a Wireless Network; 8.3 TCP Performance over Wireless Links
8.4 Adaptive and Cross-Layer Techniques

Sommario/riassunto

The viewpoint is that communication networking is about efficient resource sharing. The focus is on the three building blocks of communication networking, namely, multiplexing, switching and routing. The approach is analytical, with the discussion being driven by mathematical analyses of and solutions to specific engineering problems. The result? A comprehensive, effectively organized treatment of core engineering issues in communication networking. Written for both the networking professional and for the classroom, this book covers fundamental concepts in detail and places design issue

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| 3. Record Nr. | UNINA9910254220203321 |
| Titolo | Dynamics of Civil Structures, Volume 2 : Proceedings of the 34th IMAC, A Conference and Exposition on Structural Dynamics 2016 / / edited by Shamim Pakzad, Caicedo Juan |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016 |
| ISBN | 87-438-0294-X 87-7004-926-2 3-319-29751-1 |
| Edizione | [1st ed. 2016.] |
| Descrizione fisica | 1 online resource (VIII, 340 p. 293 illus., 249 illus. in color.) |
| Collana | Conference Proceedings of the Society for Experimental Mechanics Series, , 2191-5652 |
| Disciplina | 620 |
| Soggetti | Civil engineering Mechanics, Applied Solids Multibody systems Vibration Civil Engineering Solid Mechanics Multibody Systems and Mechanical Vibrations |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |
| Nota di contenuto | 1 Damage Assessment of Steel Structures Using Multi-Autoregressive Model -- 2. Damage Detection with Symplectic Geometry Spectrum Analysis in Changing Enviroments -- 3 Compressive Sensing Strategies for Multiple Damage Detection and Localization -- 4 Structural Damage Detection Through Vibrational Feature Analysis with Missing Data -- 5 Damage Detection Optimization Using Wavelet Multiresolution Analysis and Genetic Algorithm -- 6 A Novel Acoustoelastic-based Technique for Stress Measurement in Structural Components -- 7 Non-model-based Damage Identification of Plates Using Curvature Mode Shapes -- 8 A Machine Learning Framework for Automated Functionality Monitoring of Movable Bridges -- 9 Development of an Acoustic |

Sensing Based Structural Health Monitoring Technique for Wind Turbine Blades -- 10 Making Structural Condition Diagnostics Robust to Environmental Variability -- 11 Damage Location by Maximum Entropy Method on a Civil Structure -- 12 Exploring Environmental and Operational Variations in SHM Data Using Heteroscedastic Gaussian Processes -- 13 Vibration Testing for Bridge Load Rating -- 14 Finite Element Model Updating of French Creek Bridge -- 15 Damage Detection of a Bridge Model After Simulated Ground Motion -- 16 Bridge Assessment Using Weigh-In-Motion and Acoustic Emission Methods -- 17 Model-based Estimation of Hydrodynamic Forces on the Bergsoysund Bridge -- 18 Operational Modal Analysis and Model Updating of Riveted Steel Bridge -- 19 Finite Element Model Updating of Portage Creek Bridge -- 20 Full-scale Measurements on the Hardanger Bridge During Strong Winds -- 21 Multi-Shaker Modal Testing and Modal Identification of Hollow-Core Floor System -- 22 Hybrid Time/Frequency Domain Identification of Real Base-Isolated Structure -- 23 The use of OMA for the Validation of the Design of the Allianz Tower in Milan -- 24 Vibration Transmission Through Non-Structural Partitions Between Building Floor Levels -- 25 Inelastic Base Shear Reconstruction from Sparse Acceleration Measurements of Buildings -- 26 Genetic Algorithm use for Internally Resonating Lattice Optimization: Case of a Beam-like Metastructure -- 27 Design of Metamaterials for Seismic Isolation -- 28 Transfer Length Probabilistic Model Updating In High Performance Concrete -- 29 Seismic Behavior of Partially Prestressed Concrete Structures -- 30 Ambient Vibration Testing of A Super Tall Building In Shanghai -- 31 Ambient Vibration Testing Of Two Highly Irregular Tall Buildings In Shanghai -- 32 Estimating Effective Viscous Damping and Restoring Force in Reinforced Concrete Buildings -- 33 Structural Assessment of a School Building in Sankhu, Nepal Damaged Due to Torsional Response During the 2015 Gorkha Earthquake.

Sommario/riassunto

Dynamics of Civil Structures, Volume 2. Proceedings of the 34th IMAC, A Conference and Exposition on Dynamics of Multiphysical Systems: From Active Materials to Vibroacoustics, 2016, the second volume of ten from the Conference brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on fundamental and applied aspects of Structural Dynamics, including papers on:

- Modal Parameter Identification
- Dynamic Testing of Civil Structures
- Human Induced Vibrations of Civil Structures
- Model Updating
- Operational Modal Analysis
- Damage Detection
- Bridge Dynamics
- Experimental Techniques for Civil Structures
- Hybrid testing
- Vibration Control of Civil Structures.
