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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Maintaining and Repairing Old and Historic Buildings; Contents; Introduction; Chapter 1 The Approach to Historic Buildings, Building Systems, and Historic Materials; What Is Historic and Why?; Building Systems; Windows and Doors; Lead-Based Paint; Materials; Chapter 2 What You Need to Know; Is the Building Historic, and Why?; Functional Aesthetic; What Is a Contributing Element of the Building, and Why Is It Important to Know?; What Are the Treatment Approaches?; How to Develop and Undertake a Treatment Plan; Developing the Plan; Treatment Principles How to Identify Sources of Failure and Corrective Actions How to Maintain Old and Historic Buildings; Chapter 3 The Standards, Guidelines, and Other Guidance Material; Preservation; Restoration; Reconstruction; Rehabilitation; Applying the Standards for Rehabilitation; Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings; Preservation Briefs; "How To"; Chapter 4 Meeting Treatment Goals While Conserving Energy; Measuring the Energy Efficiency of Historic Properties; "Embodied Energy"; Preservation and Reuse of Old Buildings Maximizes Energy Conservation

Integrating Sustainable Design into Treatment Decisions
How to Conserve Energy in a Historic Building; Chapter 5 Making Old and Historic Buildings Accessible; Compliance with the 2010 Standards; Disability = Handicap; Fire Safety in an Old Building; 2010 Standards Checklist; Index

Sommario/riassunto

A practical guide to the maintenance and repair of old and historic buildings. Carrying out work in accordance with the U.S. Secretary of the Interior's standards and guidelines can be a challenge for professionals charged with the preservation, restoration, and care of historic properties. This book-with-CD package facilitates the process with more than 400 field guidelines for the treatment of historic building structures, systems, and materials. It includes: Background and rationale for treatment
Annotated standards and guidelines
Step-by-step treatment

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Titolo

Applied Cognitive Science and Technology : Implications of Interactions Between Human Cognition and Technology // edited by Sumitava Mukherjee, Varun Dutt, Narayanan Srinivasan

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Soggetti

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Monografia

Towards Behavioral AI: Cognitive factors underlying the public psychology of artificial intelligence -- Defining the Relationship Between Level of Autonomy in a Computer and Cognitive Workload of its User -- Cognitive effects of anthropomorphization of artificial agents in human-agent interactions -- Psychological Factors Driving Adoption of Decision Support Tools -- Model-based operator assistance: How to match engineering models with humans' cognitive representations of their actions? -- Behavioral cyber-security: Influence of availability of information about opponent's actions on decision-making in markov-security games -- Exploring Cybercriminal Activities, Behaviours and Profiles -- Computer Vision Technology: Do Deep Neural Networks Model Nonlinear Compositionality in the Brain's Representation of Human-Object Interactions? -- Evaluation of different deep reinforcement learning algorithms in complex search-and-retrieve virtual simulation against human performance -- Cognate Identification to Augment Lexical resources for NLP -- Psychophysiological Monitoring to Improve Human-Computer Collaborative Tasks -- Human-Technology interfaces: Did 'I' do it? Agency, Control and why it matters -- Effects of Analogies and Analogical Distance on Ideation in Conceptual Phase of Engineering Design -- Humiliation and Technology: Dilemmas and Challenges for State, Civil Society and Industry.-Technology: Does It Help or Harm Intelligence—or Both?.

This book fills the long-pending gap in consolidating research on applied cognitive science and technology. It explores the broader implications of interactions between human cognition and technology by touching upon artificial intelligence (AI) and artificial agents, decision support and assistance support systems, cybersecurity threats, computational modeling of cognition through artificial neural networks and machine learning, human factors, engineering design, and social media interfaces. With an interdisciplinary scope that addresses psychological and technological issues, this unique book shows how cognitive science is furthered by technology(or platforms) while simultaneously illustrating how the study of cognitive processes is helping shape technological products. Accordingly, it offers a valuable resource for researchers and practitioners in a broad array of fields, such as psychology, science, engineering and management.