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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- About the Editors -- About the Contributors -- Preface -- Part 1 Context -- Chapter 1 Introduction -- Context -- Background to Architectural Management -- Exploring the Components of Architectural Design and Management in the Digital Age -- Managing the Business -- Managing Projects -- Managing Stakeholders -- Managing Learning -- Technologies -- The Human Context of Digital Work -- Emerging Concepts -- Managing Digital Projects -- Conclusion -- References -- Part II Technologies -- Chapter 2 The Digital Toolkit -- Introduction -- Visualisation, Simulation and Modelling -- Building Information Modelling -- Extended Reality -- Artificial Intelligence -- Analysis -- Building Information Modelling -- Artificial Intelligence -- Automation, Optimisation and Prediction -- Conclusion -- Implementation Process -- Integration -- Future Directions -- References -- Chapter 3 Digital Twins and Sustainable Development Goals -- Introduction -- Current Digital Twins Aligning with UN SDGs -- SDGs Key Performance Indicators in Construction Digital Twins -- Framework for Embedding UN SDGs Within a Digital Twin -- Conclusion and Way Forward --

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## Sommario/riassunto

"Architectural and Construction Design and Management in the Digital Age will deliver a critical appraisal of digitisation in the evolving processes of construction design and management. It will provide a holistic treatment of the subject in terms of technologies, human context, emerging concepts, and the management of digital projects. The human context is a particularly novel perspective, with issues such as working in a virtual environment, creativity in the digital world, the diversity of people involved in construction, and using technology to reach the disadvantaged and disenfranchised, explored fully. The book examines digital techniques and their most appropriate application, while also discussing where analogue methods may still have a place. With a strong international perspective, it will enable readers to understand the power and potential impact of digitisation in construction."--

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