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Nota di contenuto	Part 1: The Latin American Context -- Chapter 1: Digital Transformation across the Continent -- Chapter 2: Higher Education across the Continent -- Chapter 3: Artificial Intelligence and Industry 4.0 across the Continent -- Part 2: Learning Contexts and Settings -- Chapter 4: Learning Management Systems and Online Settings -- Chapter 5: Learning Analytics Applied to Online and Blended Settings -- Chapter 6: Online Innovation in Higher Education Contexts -- Part 3: Emerging AI and Technology 4.0 Trends in Education -- Chapter 7: Aggregated Resources and Networks for a Global Campus -- Chapter 8: Personalised, Adaptive Services for Students, Professors and Academics Managers -- Chapter 9: Inclusive and Integrative Technology in Education -- Part 4: Digital Strategy, Digital

Transformation -- Chapter 10: From Face-to-Face Processes to Cloud Services and Online Environments -- Chapter 11: Business and Sustainability Models for Universities -- Chapter 12: Strategic Planning and Academic Management -- Part5: Case Studies -- Chapter 13: Digital Transformation as a Backbone of a Higher Education Institution: Case Study.

#### Sommario/riassunto

This book presents how Digital Transformation is a requirement to upgrade Latin American universities to a next level in management, lecturing and learning processes and strategies. The book starts with a thorough introduction of the Latin American context addressing the three main topics in the book: Digital Transformation, Higher Education and Artificial Intelligence & Industry 4.0. They will be depicted by region, with a clear distribution between Central America & Mexico, Comunidad Andina (Perú, Colombia, Chile, Ecuador, Bolivia), Mercosur (Argentina, Brasil, Paraguay and Uruguay), and other countries. The book also shows how online learning is a key part of the transformation, with a clear focus on learning management systems, innovation and learning analytics. Further, personalised services for every single profile at the university (students, lecturers, academic managers) are presented to guarantee inclusive education service aggregation for networked campuses. Following, the book addresses strategy and overall services that concentrate on sustainability and revenue models integrated with a strategic planning. Finally a set of chapters will show specific experiences and case studies of direct application of Artificial Intelligence and Technology 4.0, where the readers can learn from and transfer directly into their educational contexts.