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	Sommario/riassunto	This book is based on the best papers accepted for presentation during the SLET-2022: International Conference on Innovative Approaches to the Application of Digital Technologies in Education and Research. The book includes research on digital pedagogy, e-learning technologies, end-to-end technologies in education, and educational transformation. The contributions in this volume highlight the significant advancements and innovative methodologies in digital education. The book provides a consolidated research exploration on contemporary themes in education such as digital teaching technologies, digital pedagogy and resources, gamification, and innovations in education with a special focus on educational technology for present and future educators. The authors of these papers have explored diverse topics, such as artificial intelligence in education, the integration of virtual and augmented reality, the development of online learning platforms, and the impact of digital tools on student engagement and learning outcomes. This

collection aims to provide educators, researchers, and practitioners with insights into the latest trends and challenges in digital education. It also seeks to inspire further research and innovation in applying digital technologies to enhance teaching and learning experiences. As the landscape of education continues to evolve, the integration of digital technologies becomes increasingly critical. This book addresses a wide range of issues and opportunities, offering valuable perspectives on how digital tools can be leveraged to improve educational outcomes and accessibility. This book serves as a vital resource for comprehending the future of education and the transformative role digital technologies play in its development. By delving into the innovative approaches and cutting-edge research presented within, readers gain a deeper understanding of how digital advancements are redefining educational practices and enhancing learning experiences. The insights provided in this volume help educators develop more effective teaching strategies, incorporate new technologies into their curricula, and ultimately create more engaging and inclusive learning environments. Moreover, the book intends to foster new ideas, discussions, and collaborations that will continue to advance educational technology, thus bringing together a diverse array of research and perspectives to encourage a multidisciplinary approach to solving the complex challenges facing modern education.