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   Collana   Smart Innovation, Systems and Technologies, , 2190-3018 ; ; 188

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   Soggetti   Computational intelligence
                         Artificial intelligence
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                         Computational Intelligence
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   Lingua di pubblicazione   Inglese

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   Livello bibliografico Monografia

   Nota di contenuto   Smart Learning Analytics: Student Academic Performance Data
                         Representation, Processing and Prediction -- EIFEL – a New Approach
                         for Digital Education -- FINMINA: a French National Project Dedicated
                         to Educational Innovation in Microelectronics to Meet the Challenges of
                         a Digital Society -- Effect of International Student Competition
                         Experience on Smart Education -- Knowledge-Based Model
                         Representation for a Modern Digital University -- Effects on Girls'
                         Emotions During Gamification-Tasks with Male Priming in STEM
                         Subjects via Eye tracking -- Relevancy of the MOOC about Teaching
                         Methods in Multilingual Classroom -- e-learning Tools for Informal
                         Caretakers of Patients with Dementia – a Review Study -- Automation
                         of e-Workshop Project Control for Knowledge-Intensive Areas --
                         Assessment of Student Work and the Organization of Individual
                         Learning Paths in Electronic Smart-Learning Systems.

   Sommario/riassunto   This book contains the contributions presented at the 7th international
                         KES conference on Smart Education and e-Learning (KES SEEL-2020),
                         which being held as a virtual conference on June 17-19, 2020. It
                         contains fifty three high quality peer-reviewed papers that are grouped

into several interconnected parts: Part 1 – Smart Education, Part 2 – Smart e-Learning, Part 3 – Smart Pedagogy, Part 4 - Smart Education: Systems and Technology, Part 5 – Smart Education: Case Studies and Research, Part 6 - Smart University Development: Organizational and Managerial Issues, Part 7 - Smart Education and Smart Universities and their Impact on Students with Disabilities, Part 8 - Mathematical Models in Smart Education and e-Learning, and Part 9 - Models of Professional Practice in Higher Education. Smart education and smart e-learning are emerging and rapidly growing areas with the potential to transform existing teaching strategies, learning environments, and educational activities and technology in the classroom. Smart education and smart e-learning focus on enabling instructors to develop new ways of achieving excellence in teaching in highly technological smart classrooms, and providing students with new opportunities to maximize their success and select the best options for their education, location and learning style, as well as the mode of content delivery. This book serves as a useful source of research data and valuable information on current research projects, best practices and case studies for faculty, scholars, Ph.D. students, administrators, and practitioners – all those who are interested in smart education and smart e-learning.