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	Nota di contenuto	Part 1. Perspectives on Behavior, Engagement, and Interaction -- 1. Foundations of Assessment Analytics (Muhittin Sahin, Dirk Ifenthaler) -- 2. Uncovering Students' Temporal Quiz-Taking Behavior Patterns using Sequence Analysis (Gökhan Akçapnar, Hale Ilgaz, Alper Bayazt, Denizer Yldrm) -- 3. Assessment Analytics for Digital Assessments – Identifying Modeling and Interpreting Behavioral Engagement (Okan Bulut, Seyma Nur, Guher Gorgun) -- 4. Guiding Students towards Successful Assessments using Learning Analytics – from Behavioral Data to Formative Feedback (Michael Hanses, Lars van Rijn, Heike Karolyi, Claudia de Witt) -- 5. Transforming Tertiary Education: the Role of Learning Analytics in Improving Students' Success (Ursina E. Raemy, Stefan J. Troche, Kinga Sipos, Boris Mayer, André Klostermann, Danièle A. Gubler, Natalie Borter) -- 6. Group Cohesion and Performance in Computer-Supported Collaborative Learning (Jan-Bennet Voltmer, Laura Froehlich, Natalia Reich-Stiebert, Jennifer Raimann, Stefan Stürmer) -- Part 2. Perspectives on Analytics, Design, and Indicators -- 7. A Plurality of Measures: from Scale to Modality (Charles Lang, Lalitha Vasudevan, Rhea Jaffer) -- 8. Framework of Assessment Design based on Evidence Centered Design for Assessment Analytics (Cennet Terzi

| Sommario/riassunto | This book is about the current state of research in online assessment. The growth of this field is set to accelerate exponentially with emerging opportunities for automatic data collection and analysis. Yet, the future of online assessment faces major challenges including, perhaps most importantly, the extent to which assessments, when enabled by technology, can serve simultaneously the needs of learners, teachers and those of the enterprise of education. This book details, specifically, the multiple ways in which online assessment can be utilized, such as: Providing virtual coaching or tutoring Offering appropriate scaffolding Allowing analysis of student decision-making Providing the mechanism for students to review and comment on each others digital creations Creating a space for online discussion Providing expert coaching for modeling and animation work With the increased availability of vast and highly varied amounts of data from learners, teachers, learning environments, and administrative systems within educational settings, further opportunities arise for advancing pedagogical assessment practice (Ifenthaler et al., 2018). This book fully details these opportunities, as well as privileges and constraints of analytics-enhanced assessment, harnessing formative as well as summative data from learners and their contexts in order to facilitate learning processes in near real-time and help decisionmakers to improve learning environments. . |