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Descrizione fisica	1 online resource (XI, 318 p. 186 illus., 171 illus. in color.)
Collana	Springer Proceedings in Earth and Environmental Sciences
Disciplina	526.9
Soggetti	Surveying Geodesy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Misalignment - Can 3D BIM Override Professional Setting-out According to Plane and Height -- Building Information Modelling of Industrial Plants -- Possibility of Use of BIM in Automated Geometry Check of Structures -- Empirical evaluation of terrestrial laser scanner calibration strategies: manufacturer-based, target-based and keypoint-based -- Determining Variance-covariance Matrixes for Terrestrial Laser Scans: a Case Study of the Arch Dam Kops -- Assessing the temporal stability of terrestrial laser scanners during long-term measurements -- Using the resolution capability and the effective number of measurements to select the "right" terrestrial laser scanner -- Quantification of systematic distance deviations for scanning total stations using robotic applications -- Testing capabilities of Locata positioning system for displacement measurements -- First step towards the Technical Quality Concept for Integrative Computational Design and Construction -- A priori vs. in-situ terrestrial laser scanner calibration in the context of the instability of calibration parameters -- Analysis of warm-up effect on laser tracker measurement performance.
Sommario/riassunto	This book presents contributions from the joint event 8th INGEO

International Conference on Engineering Surveying and 4th SIG Symposium on Engineering Geodesy, which was planned to be held in Dubrovnik, Croatia, on April 1–4, 2020 and was canceled due to COVID-19 pandemic situation. Editors, in cooperation with the Local Organisers, are decided to organize the Conference on-line at October 22-23, 2020. We would like to invite you to participation through <http://ingeo-sig2020.hgd1952.hr/index.php/2020/08/31/ingeosig2020-virtual-conference-october-22-23-2020/>. The event brought together professionals in the fields of civil engineering and engineering surveying to discuss new technologies, their applicability, and operability.

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