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Sommario/riassunto	This volume consists of selected peer reviewed papers from the 10th International Conference on Mechatronics and Control Engineering (ICMCE 2021) discussing latest advances in mechanical engineering and dynamic analysis, sensor technology and application, mechanical design and system modelling, control system and engineering, robot design and control engineering, development and performance analysis of functional materials. Additional themes include methodologies, algorithms, applications and knowledge discovery in mechatronics and control engineering. This volume will prove a valuable resource for those in academia and industry.