Record Nr. UNINA9910835061103321 Autore Conte Giuseppe L Titolo Proceedings of the 11th International Conference on Mechatronics and Control Engineering [[electronic resource]]: ICMCE 2023 / / edited by Giuseppe L. Conte, Olivier Sename Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 981-9965-23-3 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (182 pages) Collana Lecture Notes in Mechanical Engineering, , 2195-4364 Altri autori (Persone) SenameOlivier 629.8 Disciplina Soggetti Industrial engineering Automation Production engineering Manufactures Industrial Automation Industrial and Production Engineering Machines, Tools, Processes Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Three-Dimensional Finite Element Analysis and Experiment of Temperature Rise of Permanent Magnet Linear Synchronous Motor --Modeling and Control of BLDC Motor for Scaled Autonomous Vehicle Application -- FedMSPC: A Federated Multivariate Statistical Process Control Framework For Privacy-preserving Process Modeling Across Company Borders -- LPV Modeling for Control Scheme Design of A Compound Helicopter. This book includes select papers from the 11th International Sommario/riassunto Conference on Mechatronics and Control Engineering (ICMCE 2023). held during January 29-31, 2023, in Athens, Greece. It covers the latest findings on methodologies, algorithms, and applications in mechatronics and control engineering. The topics covered include but are not limited to mechanical engineering and dynamic analysis, sensor technology and application, mechanical design, and system modeling; control system and engineering; robot design and control engineering;

development and performance analysis of functional materials. This

book is useful for researchers and professionals in the areas of mechatronics and control engineering.