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Sommario/riassunto

This book includes original, peer-reviewed research papers from the 16th International Conference on Modelling, Identification and Control (ICMIC2024), held in Datong, Shanxi, China on Aug.9-11, 2024. The topics covered include but are not limited to: System Identification, Linear/Nonlinear Control Systems, Data-driven Modelling and Control, Process Modelling and Process Control, Fault Diagnosis and Reliable Control, Intelligent Systems, and Machine Learning and Artificial Intelligence. The papers showcased here share the latest findings on methodologies, algorithms and applications in modelling, identification, and control, integrated with Artificial Intelligence (AI), making the book an asset for researchers, engineers, and university students alike.