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Sommario/riassunto

This book gathers timely contributions on metrology and measurement and control systems, across different disciplines and fields of applications. The chapters, which were presented at the 8th International Scientific-Technical Conference, MANUFACTURING 2024, held on May 14-16, 2024, in Poznan, Poland, cover cutting-edge research and best-practices concerning the use of AI-based optical, computed tomographic, coordinate metrology and vision inspection systems to assess manufacturing processes and products. They discuss strategies for automating, and for improving the effectiveness of quality control and measuring processes. All in all, this book provides both researchers and practitioners with a timely guide on cutting-edge measuring and control systems supporting the development of modern manufacturing in the context of digitalization, sustainability and industry applications. .
