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Sommario/riassunto	This book consists of the proceedings of the 7th International Conference on Engineering Research and Application 2024 that was organized by Thai Nguyen University of Technology, Vietnam and

collaborated with Ilmenau University of Technology, Germany. The purpose of this conference is to bring together researchers from the broad range in the field of researches, theories, and practices in engineering research and applications. The topics of this volume include Mechanical Engineering, Materials and Mechanics of Materials, Mechatronics and Micromechatronics, Automotive Engineering, Electrical and Electronics Engineering, and Information and Communication Technology. In this book, readers will find representative samples of the most modern techniques available nowadays for the solution of challenging problems arising in engineering research and application.

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