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Sommario/riassunto

This book highlights recent findings in industrial, manufacturing and mechanical engineering and provides an overview of the state of the art in these fields, mainly in Russia and Eastern Europe. A broad range of topics and issues in modern engineering is discussed, including the machinery and mechanism design, dynamics of machines and working processes, friction, wear and lubrication in machines, design and manufacturing engineering of industrial facilities, transport and technological machines, mechanical treatment of materials, industrial hydraulic systems. This book gathers selected papers presented at the 10th International Conference on Industrial Engineering (ICIE), held in Sochi, Russia, in May 2024. The authors are experts in various fields of engineering, and all papers have been carefully reviewed. Given its scope, this book will be of interest to a wide readership, including mechanical and production engineers, lecturers in engineering disciplines, and engineering graduates.