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Titolo	Proceedings of the 5th International Conference on Industrial Engineering (ICIE 2019) : Volume I / / edited by Andrey A. Radionov, Oleg A. Kravchenko, Victor I. Guzeev, Yuriy V. Rozhdestvenskiy
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Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (1,257 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	670.42 658.5
Soggetti	Machinery Manufactures Coatings Tribology Corrosion and anti-corrosives Engines Machinery and Machine Elements Machines, Tools, Processes Corrosion Engine Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Gear transmission with conic axoid on parallel axes -- Mathematical model of mechanism for sealing hardly deformable materials -- Promising machine for compacting road-building materials -- Assessing effectiveness of technical measures for improving working conditions of wheeled vehicle operators -- Definition of rational modes of use of marginal dug-out wells -- se regulating device with swirling -- Theoretical and experimental evaluation of diesel engine derating effect on its life time -- Failures model for gear couplings under the criterion of working surface endurance.
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 are discussed, including the dynamics of machines and working processes, friction, wear and lubrication in machines, surface transport and technological machines, manufacturing engineering of industrial facilities, materials engineering, metallurgy, control systems and their industrial applications, industrial mechatronics, automation and robotics. The book gathers selected papers presented at the 5th International Conference on Industrial Engineering (ICIE), held in Sochi, Russia in March 2019. The authors are experts in various fields of engineering, and all papers have been carefully reviewed. Given its scope, the book will be of interest to a wide readership, including mechanical and production engineers, lecturers in engineering disciplines, and engineering graduates.

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