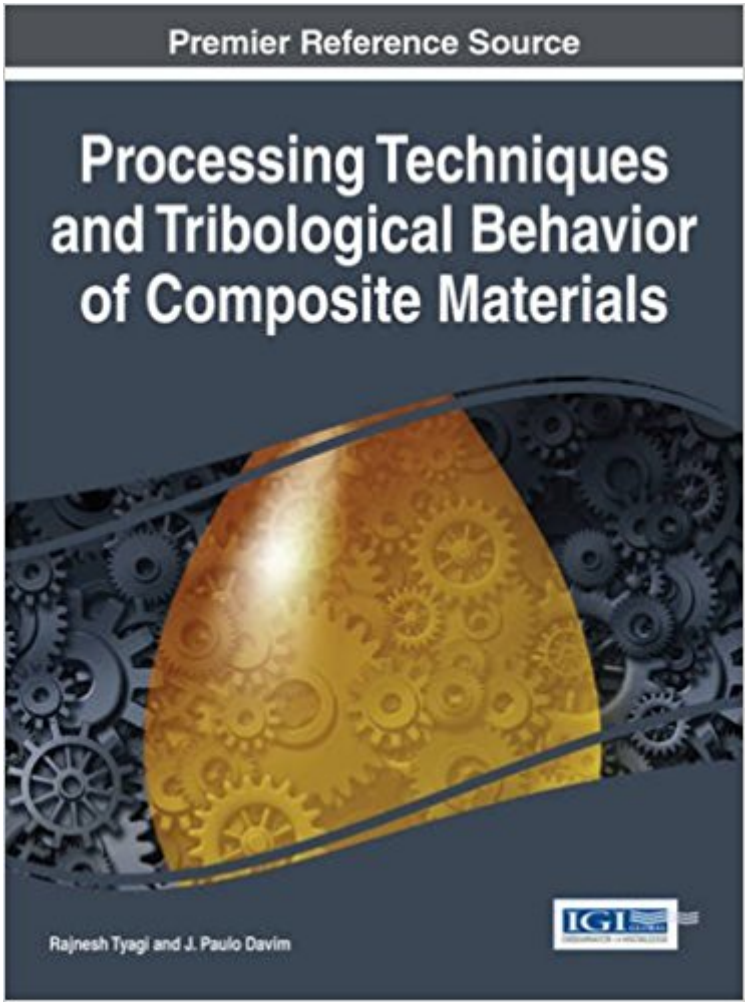
Processing Techniques And Tribological Behavior Of Composite Materials (Advances In Chemical And Materials Engineering)



Synopsis

An understanding of friction and wear behavior of materials is crucial in order to improve their performance and durability. New research is providing the opportunity to solve common problems relating to the development of materials, surface modification, coatings, and processing methods across industries.Processing Techniques and Tribological Behavior of Composite Materials provides relevant theoretical frameworks and the latest empirical research findings on the strategic role of composite tribology in a variety of settings. This book is intended for students, researchers, academicians, and professionals working in industries where wear reduction and performance enhancement of machines and machine elements is essential to success.

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Customer Reviews

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Nano-tribology etc. He is a life member of Tribology Society of India and reviewer to various international journals like Wear, Tribology International and Tribology Letters, to name a few.J. Paulo Davim received his PhD degree in Mechanical Engineering from the University of Porto in 1997 and the Aggregation from the University of Coimbra in 2005. Currently, he is an Aggregate Professor at the Department of Mechanical Engineering of the University of Aveiro. He has more 25 years of teaching and research experience in manufacturing, materials and mechanical engineering with special emphasis in machining and tribology. Recently, he has also interest in sustainable manufacturing and industrial engineering. He is the Editor-in-Chief of six international journals, guest editor of journals, books editor, book series editor and scientific advisory for many international journals and conferences. Presently, he is an editorial board member of 20 international journals and acts as reviewer for than 70 prestigious ISI Web of Science journals. In addition, he has also published in his field of research as author and co-author more than 40 book chapters and 350 articles in journals and conferences (more 180 articles in ISI Web of Science, h-index 25+).

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