Special Issue Reprint

Machines, Mechanisms and Robots: Theory and Applications

Edited by
Raffaele Di Gregorio

"*Machines, Mechanisms and Robots: Theory and Applications* (MMR-T&A)" is an interdisciplinary collection, published in MDPI's journal *Machines*, that is focused on Mechanical Systems analyzed from both the theoretical and the applicative points of view. It aims to report scientific advancements in all fields concerning mechanical system design.

This reprint marks the beginning of the MMR-T&A series, which compiles articles from the MMR-T&A collection. This first volume includes the first ten published papers from the collection. It starts with one review on contact models. Then, it continues with two papers addressing obstacle avoidance in different contexts, one more paper on geometric constraint programming, and three papers presenting novel mechanisms. Finally, it closes with one paper on mechanism performances and two papers addressing manufacturing issues. Going forward, a new volume in the MMR-T&A series will be released for every ten papers published.

This reprint is dedicated to the memory of Prof. Ettore Pennestrì (Reggio Calabria, Italy, May 16, 1957 – Rome, Italy, August 29, 2024).

MDPI\Books

Publishing Open Access Books & Series

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.

Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.

Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.

High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.

High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).

Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.

Learn more ▶ mdpi.com/books