



Mathematics

---

an Open Access Journal by MDPI

---

CiteScore: 4.6

Impact Factor: 2.2

Special Issue Reprint

# Applied Mathematics to Mechanisms and Machines II

**Edited by: Higinio Rubio Alonso , Alejandro Caballero , Jesus Meneses Alonso and Enrique Soriano-Heras**

This reprint compiles the nine articles from the Special Issue “Applied Mathematics to Mechanisms and Machines II” of the MDPI *Mathematics* journal, specifically from its “Engineering Mathematics” section. The articles, while diverse in their specific topics, uniformly focus on mechanisms as their object of study and employ mathematics as their foundational methodology. Key areas explored within the reprint include the following: Synthesis, design, and optimization of mechanisms; Robotics; Automotive applications; Maintenance 4.0; Machine vibrations; Control systems; Biomechanics; Medical devices.

This reprint is intended for professionals and researchers in the field of Mechanism and Machine Science, with the aim of contributing to advancements in both mechanical engineering and applied mathematics.

