



# MECHANISM AND MACHINE THEORY

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### DESCRIPTION

*Mechanism and Machine Theory* provides a medium of communication between engineers and scientists engaged in research and development within the fields of knowledge embraced by IFToMM, the [International Federation for the Promotion of Mechanism and Machine Science](#), therefore affiliated with IFToMM as its official research journal.

The main topics are:

Design Theory and Methodology; **Haptics** and Human-Machine-Interfaces; **Robotics, Mechatronics** and **Micro-Machines**; **Mechanisms, Mechanical Transmissions** and **Machines**; Kinematics, Dynamics, and Control of **Mechanical Systems**; Applications to **Bioengineering** and **Molecular Chemistry**

Methodologically, this includes theoretical, experimental, and/or historical approaches, along with their practical application, including education. Substantially, the journal aims at covering all subjects related to mechanisms and machines in general, such as: design theory and methodology, kinematics of mechanisms, rotor dynamics, computational kinematics, multibody dynamics, dynamics of machinery, nonlinear vibrations, linkages and cams, gearing and transmissions, transportation machinery, control and reliability of mechanical systems, including hydraulic and pneumatic systems, experimental test techniques, robots and robotic technologies, mechatronics, micromachines, human-machine interfaces, haptics, among others. Prospective fields of application of mechanism and machine science to other scientific areas such as bioengineering and molecular chemistry are also welcome.

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Machine Theorists, Engineers, Systems Scientists.

### IMPACT FACTOR

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[4] Cancer Research UK, *Cancer statistics reports for the UK*. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [5] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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