



JOURNAL OF PROCESS CONTROL

A journal of IFAC, the International Federation of Automatic Control

AUTHOR INFORMATION PACK

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ISSN: 0959-1524

DESCRIPTION

This international journal covers the application of control theory, operations research, computer science and engineering principles to the solution of process control problems. In addition to the traditional chemical processing and manufacturing applications, the scope of process control problems involves a wide range of applications that includes energy processes, nano-technology, systems biology, bio-medical engineering, pharmaceutical processing technology, energy storage and conversion, smart grid, and data analytics among others.

Papers on the theory in these areas will also be accepted provided the theoretical contribution is aimed at the application and the development of process control techniques.

Topics covered include:

- Control applications
- Process monitoring
- Plant-wide control
- Process control systems
- Control techniques and algorithms
- Process modelling and simulation
- Design methods

Advanced design methods exclude well established and widely studied traditional design techniques such as PID tuning and its many variants. Applications in fields such as control of automotive engines, machinery and robotics are not deemed suitable unless a clear motivation for the relevance to process control is provided.

For more details on the International Federation of Automatic Control (IFAC), access their [home page](#).

AUDIENCE

Engineers in the process industries (including bulk chemicals, oil refining, pulp and paper, petrochemicals, pharmaceuticals, biochemicals, food processing, minerals processing, agrochemicals and speciality chemicals); academics specialising in the control aspects of process engineering; regulatory bodies; government laboratories.

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[2] Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

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

Reference to a chapter in an edited book:

[4] 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:

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

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