



INFORMATION PROCESSING LETTERS

Devoted to the Rapid Publication of Short Contributions to Information Processing

AUTHOR INFORMATION PACK

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ISSN: 0020-0190

DESCRIPTION

The aim of *Information Processing Letters* is to allow rapid dissemination of interesting results in the field of **information processing** in the form of short, concise papers. To this end, [submissions](#) should not exceed the equivalent of nine A4 or 81/2-by-11 double-spaced typed pages. The scope of the journal is indicated by the list of keywords found below. This list is periodically updated by inserting items most frequently proposed by the contributors and removing the least popular entries, under the advisement of the [Board of Editors](#). Submissions are encouraged both on theoretical work and on experimental work.

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Algorithms – analysis of algorithms – approximation algorithms – automatic theorem proving – combinatorial problems – compilers – computational complexity – computational geometry – concurrency – cryptography – databases – data structures – design of algorithms – distributed computing – distributed systems – fault tolerance – formal languages – formal methods – formal semantics – functional programming – graph algorithms – information retrieval – interconnection networks – on-line algorithms – operating systems – parallel algorithms – parallel processing – performance evaluation – program correctness – program derivation – programming calculi – programming languages – program specification – randomized algorithms – real-time systems – safety/security in digital systems – scheduling – software design and implementation – software engineering – specification languages – theory of computation.

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GUIDE FOR AUTHORS

INTRODUCTION

The aim of *Information Processing Letters* is to allow rapid dissemination of interesting results in the field of information processing in the form of short, concise papers. To this end, submissions should not exceed the equivalent of nine A4 or 8 1/2-by-11 pages, with wide margins and double line-spacing, i.e., approximately 3000 words. An Editor's decision to reject a contribution because of its length is final.

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Algorithms – analysis of algorithms – approximation algorithms – automatic theorem proving – combinatorial problems – compilers – computational complexity – computational geometry – concurrency – cryptography – databases – data structures – design of algorithms – distributed computing – distributed systems – fault tolerance – formal languages – formal methods – formal semantics – functional programming – graph algorithms – information retrieval – interconnection networks – on-line algorithms – operating systems – parallel algorithms – parallel processing – performance evaluation – program correctness – program derivation – programming calculi – programming languages – program specification – randomized algorithms – real-time systems – safety/security in digital systems – scheduling – software design and implementation – software engineering – specification languages – theory of computation.

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analysis of algorithms: Chrobak, Doerr,T.–s.Hsu, Kowalik, Uehara, Wu, Xu, Yamashita

approximation algorithms: Chrobak, Doerr, T.–s.Hsu, Kowalik, Wu, Xu, Yiu

automatic theorem proving: Muscholl, Viganò

combinatorial problems: Chrobak, Doerr,T.–s.Hsu, Kowalik, Muscholl, Xu, Yamashita

compilers:

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concurrency: Chockler, Fiadeiro, Fisher, Muscholl

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distributed systems: Chockler

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parallel algorithms: Chrobak, Doerr, Fisher, T.-s.Hsu, Yamashita
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performance evaluation: T.-s.Hsu, Wu, Xu
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programming calculi:
programming languages:
randomized algorithms: Chrobak, Doerr, Kowalik, Xu
real-time systems: Fisher
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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.

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