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DESCRIPTION

Computer Science Review intends to fulfil a need in the **Computer Science** community by publishing **research surveys** and **expository overviews** in computer science and related fields. The reviews are aimed at a general computer science audience seeking a full and expert overview of the latest in computer science research.

The journal will publish research surveys and expository overviews in computer science. Articles from other fields are welcome, as long as their content is relevant to computer science.

Articles should be of sufficient scientific interest and help to advance the fundamental understanding of ongoing research, applied or theoretical, for a general computer science audience. The treatment of each topic should be more than a catalogue of known results. Emphasis should be on clarity and originality of presentation and each survey should add insight to the topic under review.

A survey may typically contain the following elements: Introduction (including motivation and historical remarks) Outline of the Survey Basic concepts, examples and results (with sketches of the proofs) Comments on the relevance of the results, relations to other results and applications Open problems Critical review of the relevant literature Comprehensive bibliography Authors should give a clear and well-balanced treatment of their subject. Expanded versions of primary research papers are generally not acceptable. The optimal length for a paper is considered to be approximately 30 printed pages or about 20,000 words, including tables and diagrams.

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Zentralblatt MATH
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GUIDE FOR AUTHORS

INTRODUCTION

Computer Science Review publishes invited survey papers covering the full spectrum of computer science. The surveys, both experimental and theoretical, provide general background information as well as a critical assessment on topics in a state of flux.

The editorial policy of *Computer Science Review* is to serve its readership in two ways. Firstly, it provides a critical overview of the current issues in a well-defined area of immediate interest to computer scientists. Secondly, each survey contains an extensive list of references thus providing an invaluable pointer to the primary research literature available on the topic.

This policy is implemented by the Editorial Board which consists of outstanding scientists in their respective disciplines. The Board identifies the topics of interest and subsequently invites qualified authors. In order to ensure speedy publication, each survey is published separately.

Types of Paper

The journal will publish research surveys, expository overviews, and book reviews in computer science. Articles from other fields are welcome, as long as their content is relevant to computer science. Expanded versions of primary research papers are generally not acceptable.

Articles should be of sufficient scientific interest and help to advance the fundamental understanding of ongoing research, applied or theoretical, for a general computer science audience. The treatment of each topic should be more than a catalogue of known results. Emphasis should be on clarity and originality of presentation and each survey should add insight to the topic under review. Authors should give a clear and well-balanced treatment of their subject.

A good topical survey should provide a broad introduction to the subject area for the general reader and/or newcomer to the field. The survey should also provide an update to those who already have a deeper knowledge of the field by reporting on recent significant developments.

A survey may typically contain the following elements:

Be approximately 50 printed pages in length (i.e. 100 typed pages)

A good descriptive title

A concise abstract

A table of contents that establishes the structure of the survey

Introduction (including motivation and historical remarks)

Outline of the Survey

Basic concepts, examples and results (with sketches of the proofs)

Comments on the relevance of the results, relations to other results and applications

Open problems

Critical review of the relevant literature

Comprehensive bibliography

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