



PATTERN RECOGNITION LETTERS

An official publication of the [International Association for Pattern Recognition](#)

AUTHOR INFORMATION PACK

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DESCRIPTION

Pattern Recognition Letters aims at rapid publication of concise articles of a broad interest in **pattern recognition**.

Subject areas include all the current fields of interest represented by the Technical Committees of the [International Association of Pattern Recognition](#), and other developing themes involving learning and recognition. Examples include:

- Statistical, structural, syntactic pattern recognition;
- Neural networks, machine learning, data mining;
- Discrete geometry, algebraic, graph-based techniques for pattern recognition;
- Signal analysis, image coding and processing, shape and texture analysis;
- Computer vision, robotics, remote sensing;
- Document processing, text and graphics recognition, digital libraries;
- Speech recognition, music analysis, multimedia systems;
- Natural language analysis, information retrieval;
- Biometrics, biomedical pattern analysis and information systems;
- Special hardware architectures, software packages for pattern recognition.

We invite contributions as research reports or commentaries.

Research reports should be concise summaries of methodological inventions and findings, with strong potential of wide applications.

Alternatively, they can describe significant and novel applications of an established technique that are of high reference value to the same application area and other similar areas.

Commentaries can be lecture notes, subject reviews, reports on a conference, or debates on critical issues that are of wide interests.

To serve the interests of a diverse readership, the introduction should provide a concise summary of the background of the work in an accepted terminology in pattern recognition, state the unique contributions, and discuss broader impacts of the work outside the immediate subject area. All contributions are reviewed on the basis of scientific merits and breadth of potential interests.

AUDIENCE

Researchers and practitioners in Pattern Recognition, Computer Science, Electrical and Electronic Engineering, Mathematics and Statisticians, and any areas of science and engineering where automatic pattern recognition is applicable.

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Pattern Recognition Letters aims at rapid publication of concise articles of a broad interest in pattern recognition.

Subject areas include all the current fields of interest represented by the Technical Committees of the International Association of Pattern Recognition, and other developing themes involving learning and recognition. Examples include:

- statistical, structural, syntactic pattern recognition;
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- computer vision, robotics, remote sensing;
- document processing, text and graphics recognition, digital libraries;
- speech recognition, music analysis, multimedia systems;
- natural language analysis, information retrieval;
- biometrics, biomedical pattern analysis and information systems;
- scientific, engineering, social and economical applications of pattern recognition;
- special hardware architectures, software packages for pattern recognition.

We invite contributions as research reports or commentaries.

Research reports should be concise summaries of methodological inventions and findings, with strong potential of wide applications.

Alternatively, they can describe significant and novel applications of an established technique that are of high reference value to the same application area and other similar areas.

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To serve the interests of a diverse readership, the introduction should provide a concise summary of the background of the work in an accepted terminology in pattern recognition, state the unique contributions, and discuss broader impacts of the work outside the immediate subject area. All contributions are reviewed on the basis of scientific merits and breadth of potential interests.

In addition to capturing ground breaking research work in timely manner through short letters, *Pattern Recognition Letters* has started a new category of paper submission of survey papers authored by IAPR Fellows. These papers are meant to capture general trends of key research areas of broad interest and to offer guidance about future research directions. They go substantially beyond just a literature review. They are meant to be mileposts along a research theme, marking the end of a period and the beginning of a new one. These papers do not have to comply with the length restriction. The review process will determine the appropriateness of the length.

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

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[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).

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