Special Issue

Sensors & Methods in Digitisation of Complex Documents and Engineering Diagrams

Message from the Guest Editors

This Special Issue aims to present the latest original developments and challenges in the application of sensors in digitisation of complex documents and engineering diagrams. We are particularly interested in new trends and challenges in this area, including but not limited to:
(1)Detecting and localising symbols, lines and text in complex documents and engineering drawings;
(2)Automatic separation and extraction of text and graphic elements from documents;
(3)Heuristic-based and deep-learning-based methods for digitising engineering diagrams;
(4)The challenge of data annotation to enable object recognition for extracting graphic elements from complex documents;
(5)Systems that are capable of reverting diagrams into an intelligent form or a digital twin;
(6)End-to-end framework for extracting text, graphics and connectivity information from engineering diagrams;
(7)Reviews that capture the latest development and challenges;
(8)Application-based papers in this area. Please contact the or the Assistant Editor at (ava.jiang@mdpi.com) for any queries.
For more information, please visit the website at:
https://www.mdpi.com/si/135118

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Deadline for manuscript submissions

Sensors

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an Open Access Journal by MDPI

**Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed**

mdpi.com/journal/
sensors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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