

INTERNATIONAL  
STANDARD

**ISO**  
**12083**

First edition  
1994-10-01

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**Information and documentation —  
Electronic manuscript preparation and  
markup**

*Information et documentation — Préparation du manuscrit électronique  
et balisage*



Reference number  
ISO 12083:1994(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 12083 was prepared by Technical Committee ISO/TC 46, *Information and documentation*, Subcommittee SC 4, *Computer applications in information and documentation*.

Annexes A, B and C of this International Standard are for information only.

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Printed in Switzerland

# Information and documentation — Electronic manuscript preparation and markup

## 1 Scope

This International Standard presents four document type definitions and additional facilities conforming to ISO 8879. This International Standard is intended to provide document architectures for the creation and interchange of books, articles and serial publications.

It specifies:

- a) the SGML declaration defining the syntax used by the document type definitions and document instances;
- b) the document type definitions for the following document classes:
  - i) Books;
  - ii) Articles;
  - iii) Serials, which are collections of articles;
- c) a document type definition for Mathematics which may be embedded in other SGML applications.

This International Standard provides a toolkit for developers of these types of publications to use as a basis for developing custom applications. The applications developed may be for authors, publishers, libraries, their users, and/or their database vendors. The document type definitions included in this International Standard have been designed to be flexible enough to expand or limit markup depending on the use of the application. For example, if the application is intended for authors, the copyright information could be removed. The markup is sufficiently general to enable its use for similarly structured documents, e.g. the Book DTD can also be used for technical reports.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent