

Implementation of ISO/IEC 8825:1990

**Information
technology —
Open Systems
Interconnection —
Specification of Basic
Encoding Rules for
Abstract Syntax
Notation One (ASN.1)**

UDC 681.3:621.39

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- British Computer Society
- British Gas plc
- British Railways Board
- British Telecommunications plc
- Computing Services Association
- Department of Trade and Industry (Alvey — Advanced Network Systems Architecture)
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- Department of Trade and Industry (National Physical Laboratory)
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National foreword

This British Standard reproduces verbatim ISO/IEC 8825:1990 and implements it as the UK national standard. This British Standard supersedes BS 6963:1988 which is withdrawn.

This British Standard is published under the direction of the Information Systems Technology Standards Policy Committee whose Technical Committee IST/21 has the responsibility to:

- aid enquirers to understand the text;
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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO/IEC title page, pages ii to iv, pages 1 to 16 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

**Information technology — Open Systems
Interconnection — Specification of Basic
Encoding Rules for Abstract Syntax Notation
One (ASN.1)**

*Technologies de l'information — Interconnexion de systèmes ouverts —
Spécification de règles de base pour coder la notation de syntaxe abstraite numéro
UNE (ASN.1)*



Reference number
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Descriptors: Data processing, information interchange, network interconnection, open systems interconnection, coded character sets, specifications.

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 8825 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

This second edition cancels and replaces the first edition (ISO 8825:1987), which has been technically revised.

Annex A, Annex B and Annex C are for information only.

