
**Information technology — ASN.1 encoding
rules: Specification of Packed Encoding
Rules (PER)**

AMENDMENT 1: Relative object identifiers

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*Technologies de l'information — Règles de codage ASN.1: Spécification
des règles de codage compact (PER)*

AMENDEMENT 1: Identificateurs d'objet relatif

[ISO/IEC 8825-2:1998/Amd 1:2000](https://standards.iteh.ai/catalog/standards/sist/0e78c7a1-f9e3-4c19-b214-f6c781b96d99/iso-iec-8825-2-1998-amd-1-2000)

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO/IEC 8825-2:1998 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.691/Amd.1.

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

**INFORMATION TECHNOLOGY – ASN.1 ENCODING RULES:
SPECIFICATION OF PACKED ENCODING RULES (PER)**

**AMENDMENT 1
Relative object identifiers**

1) Subclause 9.6.1

Add "relative object identifier" after "object identifier" in 9.6.1.

2) New clause 23 bis

Add a new clause 23 bis as follows:

23 bis Encoding the relative object identifier type

NOTE – (Tutorial) A relative object identifier type encoding uses the contents octets of BER preceded by a length determinant that will in practice be a single octet. The following text is identical to that of clause 23.

The encoding specified for BER shall be applied to give an octet-aligned-bit-field which is the contents octets of the BER encoding. The contents octets of this BER encoding consists of "n" (say) octets and is placed in an octet-aligned-bit-field of "n" octets. The procedures of 10.9 shall be invoked to append this octet-aligned-bit-field to the field-list, preceded by a length determinant equal to "n" as a semi-constrained whole number octet count.

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