



# INTERNATIONAL STANDARD ISO/IEC 8825-7:2015 TECHNICAL CORRIGENDUM 4

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## Information technology — ASN.1 encoding rules

Part 7:

### Specification of Octet Encoding Rules (OER)

#### TECHNICAL CORRIGENDUM 4

*Technologies de l'information — Règles de codage ASN.*

*Partie 7: Spécification des règles de codage des octets (OER)*

*RECTIFICATIF TECHNIQUE 4*

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**Information technology – ASN.1 encoding rules:  
Specification of Octet Encoding Rules (OER)**

*Conventions used in this corrigendum: Original, unchanged, text is in normal font. Deleted text is struck-through, thus: ~~deleted text~~. Inserted text is underlined, thus: inserted text.*

**1 Clause 8.2.1**

*Replace clause 8.2.1 with the following:*

**8.2.1** In general, the constraint on a type will consist of individual constraints combined using some or all of set arithmetic, contained subtype constraints, and serial application of constraints.

The following constraints are OER-visible:

- a) non-extensible single value constraints and value range constraints on integer types;
- b) non-extensible single value constraints on real types where the single value is either plus zero or minus zero or one of the special real values **PLUS-INFINITY**, **MINUS-INFINITY** and **NOT-A-NUMBER**;
- c) non-extensible size constraints on known-multiplier character string types, octetstring types, and bitstring types;
- d) ~~an inner type constraints applying an OER-visible constraints to real types when used to (including one that restricts the mantissa, base, or exponent of a real type);~~
- e) inner type constraints applied to CHARACTER STRING or EMBEDDED-PDV types when used to restrict the value of the syntaxes component to a single value, or when used to restrict identification to the fixed alternative;
- ef) a contained subtype constraints in which the constraining type carries an OER-visible constraint.

**2 Clause 8.2.2**

*Replace clause 8.2.2 n) with the following:*

- n) ~~an inner type constraints applied to a components of an unrestricted character string, or embedded-pdv type or external types, except those specified in 8.2.1 e);~~