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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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INTERNATIONAL STANDARD
ITU-T RECOMMENDATION

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:* <u>inserted text</u>.

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 constraint<u>s</u> applying ~~an~~ OER-visible constraint<u>s to real types when used to</u> ~~(including one that~~ restrict~~s~~ the mantissa, base, or exponent~~ of a real type)~~;

e) <u>inner type constraints applied to CHARACTER STRING or EMBEDEDED-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;</u>

<u>e</u>f) ~~a~~ contained subtype constraint<u>s</u> 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 constraint<u>s</u> applied to ~~a~~ component<u>s</u> of ~~an~~ unrestricted character string<u>,</u> ~~or~~ embedded-pdv ~~type~~ or external type<u>s, except those specified in 8.2.1 e)</u>;

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