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**Universal Mobile Telecommunications System (UMTS);
LTE;
Specification of the 3GPP Confidentiality
and Integrity Algorithms EEA3 & EIA3;
Document 2: ZUC specification
(3GPP TS 35.222 version 12.0.0 Release 12)**



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Foreword

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- z the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

The present document specifies the 3GPP confidentiality and integrity algorithms known as EEA3 and EIA3.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
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[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] ETSI TC SAGE "Specification of the 3GPP Confidentiality and Integrity Algorithms 128-EEA3 & 128-EIA3; Document 2: ZUC Specification" version 1.6.

NOTE: Reference [2] is available via <http://www.etsi.org/WebSite/OurServices/Algorithms/3gppalgorithms.aspx> and is subject to licensing conditions described at this site.

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] and in the SAGE Specification [2] apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

3.2 Symbols

For the purposes of the present document, the symbols defined in the SAGE Specification [2] apply.

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [2] and in the SAGE Specification [2] apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1].

4 Technical provisions

The technical provisions of the current document are contained in the SAGE Specification [2].