

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

P.1201.2

Corrigendum 2

(06/2019)

SERIES P: TELEPHONE TRANSMISSION QUALITY,
TELEPHONE INSTALLATIONS, LOCAL LINE
NETWORKS

Models and tools for quality assessment of streamed
media

Parametric non-intrusive assessment of audiovisual
media streaming quality – Higher resolution
application area

Corrigendum 2

Recommendation ITU-T P.1201.2 (2012) –
Corrigendum 2

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Recommendation ITU-T P.1201.2

Parametric non-intrusive assessment of audiovisual media streaming quality – Higher resolution application area

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Summary

Corrigendum 2 to Recommendation ITU-T P.1201.2 (2012) provides a correction for Equation (7).

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T P.1201.2	2012-10-14	12	11.1002/1000/11729
1.1	ITU-T P.1201.2 (2012) Amd. 1	2013-05-14	12	11.1002/1000/11936
1.2	ITU-T P.1201.2 (2012) Amd. 2	2013-12-12	12	11.1002/1000/12111
1.3	ITU-T P.1201.2 (2012) Cor. 1	2014-04-29	12	11.1002/1000/12176
1.4	ITU-T P.1201.2 (2012) Cor. 2	2019-06-29	12	11.1002/1000/13932

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation ITU-T P.1201.2

Parametric non-intrusive assessment of audiovisual media streaming quality – Higher resolution application area

It was discovered that Equation (7) in Recommendation ITU-T P.1201.2 (2012) contains a reversal of argument and base in the exponential expression.

For input $x \in [0,1]$ the output is bounded to $y \in [0,1]$. The same equation is also used in Recommendation ITU-T P.1202.1 (2012), Equation (13), where it is correctly displayed.

Instead of (erroneous):

$$ft_{\log} : \mathbb{R} \times \mathbb{R} \mapsto \mathbb{R}; (x, d) \mapsto y := \frac{1}{d} \cdot \log_{10}(1 + x \cdot (d^{10} - 1)) , \quad (7)$$

It should read (corrected):

$$ft_{\log} : \mathbb{R} \times \mathbb{R} \mapsto \mathbb{R}; (x, d) \mapsto y := \frac{1}{d} \cdot \log_{10}(1 + x \cdot (10^d - 1)), \quad (7)$$

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