INTERNATIONAL STANDARD ISO/IEC 14496-10:2005

TECHNICAL CORRIGENDUM 2

Published 2006-08-15

Information technology — Coding of audio-visual objects —

Part 10:
Advanced Video Coding

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Codage des objets audiovisuels —

Partie 10: Codage visuel avancé

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 14496-10:2005 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information.*

In subclause 0.6 "Overview of the design characteristics", replace the sentence:

With the exception of the transform bypass mode of operation for lossless coding in the High 4:4:4 profile and the I_PCM mode of operation in all profiles, the algorithm is typically not lossless, as the exact source sample values are typically not preserved through the encoding and decoding processes.

with:

With the exception of the transform bypass mode of operation for lossless coding in the I_PCM mode of operation in all profiles, the algorithm is typically not lossless, as the exact source sample values are typically not preserved through the encoding and decoding processes.

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In subclause 0.7 "How to read this specification", replace the sentence:

Annex A specifies seven profiles (Baseline, Main, Extended, High, High 10, High 4:2:2 and High 4:4:4), each being tailored to certain application domains, and defines the so-called levels of the profiles.

with:

Annex A specifies six profiles (Baseline, Main, Extended, High, High 10, and High 4:2:2), each being tailored to certain application domains, and defines the so-called levels of the profiles.

Remove subclause A.2.7.

Replace the title of subclause A.3.2 "Level limits common to the High, High 10, High 4:2:2, and High 4:4:4 profiles" with:

Level limits common to the High, High 10, and High 4:2:2 profiles

In subclause A.3.2, replace the sentence:

Bitstreams conforming to the High, High 10, High 4:2:2, or High 4:4:4 profiles at a specified level shall obey the following constraints:

with:

Bitstreams conforming to the High, High 10, or High 4:2:2 profiles at a specified level shall obey the following constraints:

In subclause A.3.3 "Profile-specific limits", replace all occurrences of:

In bitstreams conforming to the Main, High, High 10, High 4:2:2, or High 4:4:4

with:

In bitstreams conforming to the Main, High, High 10, or High 4:2:2

In subclause A.3.3, replace all occurrences of:

In bitstreams conforming to the High, High 10, High 4:2:2, or High 4:4:4 profile

with:

In bitstreams conforming to the High, High 10, or High 4:2:2 profile

In subclause A.3.3, replace all occurrences of:

in Table A-4 for the Main, High, High 10, High 4:2:2, and High 4:4:4 profiles

with:

in Table A-4 for the Main, High, High 10, and High 4:2:2 profiles