INTERNATIONAL STANDARD ISO/IEC 14496-2:2004/Amd.3:2007
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Coding of audio-visual objects —

Part 2: Visual

AMENDMENT 3: Support for colour spaces

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Codage des objets audiovisuels —

Partie 2: Codage visuel

AMENDEMENT 3: Support pour espaces de couleur

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 14496-2:2004/Amd.3:2007 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information.*

Page 2, replace Table 6-9 with the following (where changes are highlighted in grey):

ICS 35.040 **Ref. No. ISO/IEC 14496-2:2004/Amd.3:2007/Cor.1:2008(E)**

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Table 6-9 — Transfer Characteristics

Value	Transfer Characteristic	Informative Remarks
0	Forbidden	
1	$V = 1{,}099\ L_C^{0{,}45} - 0{,}099$ for $1 \geq L_C \geq 0{,}018$ $V = 4{,}500\ L_C$ for $0{,}018 > L_C \geq 0$	ITU-R Recommendation BT.709-5 ITU-R Recommendation BT.1361 conventional colour gamut system (functionally the same as the value 6)
2	Unspecified	Image characteristics are unknown or are determined by the application.
3	Reserved	For future use by ISO/IEC
4	Assumed display gamma 2,2	ITU-R Recommendation BT.470-6 System M (historical) United States National Television System Committee 1953 Recommendation for transmission standards for color television United States Federal Communications Commission Title 47 Code of Federal Regulations (2004) 73.682 (a) (20)
5	Assumed display gamma 2,8	ITU-R Recommendation BT.1700 625 PAL or 625 SECAM ITU-R Recommendation BT.470-6 System B, G (historical)
6	$V = 1{,}099\ L_C^{0{,}45} - 0{,}099$ for $1 \geq L_C \geq 0{,}018$ $V = 4{,}500\ L_C$ for $0{,}018 > L_C \geq 0$	ITU-R Recommendation BT.1700 NTSC ITU-R Recommendation BT.1358 525 or 625 Society of Motion Picture and Television Engineers 170M (functionally the same as the value 1)
7	$V = 1{,}1115\ L_C^{0{,}45} - 0{,}1115$ for $L_C \geq 0{,}0228$ $V = 4{,}0\ L_C$ for $0{,}0228 > L_C$	Society of Motion Picture and Television Engineers 240M
8	$V = L_C$	Linear transfer characteristics
9	$V = \text{Max}(0, 1.0 + \text{Log10}(L_C)/2)$ for $0 < L_C <= 1.$ $V = 0$ for $L_C <= 0$	Logarithmic transfer characteristic (100:1 range)
10	$V = \text{Max}(0, 1.0 + \text{Log10}(L_C)/2.5)$ for $0 < L_C <= 1.$ $V = 0$ for $L_C <= 0$	Logarithmic transfer characteristic (316.22777:1 range)
11	$V = 1{,}099\ L_C^{0{,}45} - 0{,}099$ for $L_C \geq 0{,}018$ $V = 4{,}500\ L_C$ for $0{,}018 > L_C > -0{,}018$ $V = -(1{,}099\ (-L_C)^{0{,}45} - 0{,}099)$ for $-0{,}018 \geq L_C$	IEC 61966-2-4

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12	$V = 1{,}099\ L_C^{0{,}45} - 0{,}099$ for $1{,}33 > L_C \geq 0{,}018$ $V = 4{,}500\ L_C$ for $0{,}018 > L_C \geq -0{,}0045$ $V = -(1{,}099\ (-4 * L_C)^{0{,}45} - 0{,}099) \div 4$ for $-0{,}0045 > L_C \geq -0{,}25$	ITU-R Recommendation BT.1361 extended colour gamut system
13-255	Reserved	For future use by ISO/IEC

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