



INTERNATIONAL STANDARD ISO/IEC 13818-7:2006
TECHNICAL CORRIGENDUM 2

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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 — Generic coding of moving pictures
and associated audio information —**

**Part 7:
Advanced Audio Coding (AAC)**

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Codage générique des images animées et du son associé —

Partie 7: Codage du son avancé (AAC)

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 13818-7:2006 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

In 15.3.2, “Windowing and Block Switching”, replace:

The overlap and add between the EIGHT_SHORT **window_sequence** resulting in the windowed time domain values $z_{i,n}$ is described as follows:

$$z_{i,n} = \begin{cases} 0, & \text{for } 0 \leq n < 448 \\ x_{i,n-448} \cdot W_0(n-448), & \text{for } 448 \leq n < 576 \\ x_{i,n-448} \cdot W_0(n-448) + x_{i,n-576} \cdot W_1(n-576), & \text{for } 576 \leq n < 704 \\ x_{i,n-576} \cdot W_1(n-576) + x_{i,n-704} \cdot W_2(n-704), & \text{for } 704 \leq n < 832 \\ x_{i,n-704} \cdot W_2(n-704) + x_{i,n-832} \cdot W_3(n-832), & \text{for } 832 \leq n < 960 \\ x_{i,n-832} \cdot W_3(n-832) + x_{i,n-960} \cdot W_4(n-960), & \text{for } 960 \leq n < 1088 \\ x_{i,n-960} \cdot W_4(n-960) + x_{i,n-1088} \cdot W_5(n-1088), & \text{for } 1088 \leq n < 1216 \\ x_{i,n-1088} \cdot W_5(n-1088) + x_{i,n-1216} \cdot W_6(n-1216), & \text{for } 1216 \leq n < 1344 \\ x_{i,n-1216} \cdot W_6(n-1216) + x_{i,n-1344} \cdot W_7(n-1344), & \text{for } 1344 \leq n < 1472 \\ x_{i,n-1344} \cdot W_7(n-1344), & \text{for } 1472 \leq n < 1600 \\ 0, & \text{for } 1600 \leq n < 2048 \end{cases}$$

with:

The overlap and add between the EIGHT_SHORT **window_sequence** resulting in the windowed time domain values $z_{i,n}$ is described as follows:

$$z_{i,n} = \begin{cases} 0, & \text{for } 0 \leq n < 448 \\ x_{0,n-448} \cdot W_0(n-448), & \text{for } 448 \leq n < 576 \\ x_{0,n-448} \cdot W_0(n-448) + x_{1,n-576} \cdot W_1(n-576), & \text{for } 576 \leq n < 704 \\ x_{1,n-576} \cdot W_1(n-576) + x_{2,n-704} \cdot W_2(n-704), & \text{for } 704 \leq n < 832 \\ x_{2,n-704} \cdot W_2(n-704) + x_{3,n-832} \cdot W_3(n-832), & \text{for } 832 \leq n < 960 \\ x_{3,n-832} \cdot W_3(n-832) + x_{4,n-960} \cdot W_4(n-960), & \text{for } 960 \leq n < 1088 \\ x_{4,n-960} \cdot W_4(n-960) + x_{5,n-1088} \cdot W_5(n-1088), & \text{for } 1088 \leq n < 1216 \\ x_{5,n-1088} \cdot W_5(n-1088) + x_{6,n-1216} \cdot W_6(n-1216), & \text{for } 1216 \leq n < 1344 \\ x_{6,n-1216} \cdot W_6(n-1216) + x_{7,n-1344} \cdot W_7(n-1344), & \text{for } 1344 \leq n < 1472 \\ x_{7,n-1344} \cdot W_7(n-1344), & \text{for } 1472 \leq n < 1600 \\ 0, & \text{for } 1600 \leq n < 2048 \end{cases}$$