

ISO/IEC 18477-7:2017-05 (E)

Information technology - Scalable compression and coding of continuous-tone still images - Part 7: HDR Floating-Point Coding

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions, symbols and abbreviated terms	1
4	Conventions	9
4.1	Conformance language	9
4.2	Operators	9
4.2.1	Arithmetic operators	10
4.2.2	Logical operators	10
4.2.3	Relational operators	10
4.2.4	Precedence order of operators	10
4.2.5	Mathematical functions	11
5	General	11
5.1	Overview	11
5.3	Profiles	13
5.4	Encoder requirements	13
5.5	Decoder requirements	13
Annex A (normative) Encoding and decoding process		14
Annex B (normative) Boxes		19
Annex C (normative) Multi-component decorrelation		31
Annex D (normative) Half-exponential output transformation		32
Annex E (normative) Profiles		33
Annex F (informative) Implementation guidelines		43
Bibliography		49