ISO/IEC 18477-1:2020-05 (E)

Information technology - Scalable compression and coding of continuous-tone still images - Part 1: Core coding system specification

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and abbreviated terms 3
4.1 Symbols 3
4.2 Abbreviated terms 3

5 Conventions 3
5.1 Conformance language 3
5.2 Operators 4
5.2.1 Arithmetic operators 4
5.2.2 Assignment operators 4
5.2.3 Precedence order of operators 4
5.2.4 Mathematical functions 4

6 General 4
6.1 General definitions 4
6.2 Functional overview on the decoding process 5
6.3 Encoder requirements 5
6.4 Decoder requirements 5

Annex A (normative) Component subsampling and expansion of subsampling 6

Annex B (normative) Codestream syntax 8

Annex C (normative) Multi-component decorrelation 15

Bibliography 17