INTERNATIONAL STANDARD ISO/IEC 15938-3:2002/Amd.2:2006
TECHNICAL CORRIGENDUM 1

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Information technology — Multimedia content description interface —

Part 3:
Visual

AMENDMENT 2: Perceptual 3D Shape Descriptor

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Interface de description du contenu multimédia —

Partie 3: Visuel

AMENDEMENT 2: Descripteur sensoriel de forme 3D

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 15938-3:2002/Amd.2:2006 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

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Replace subclause 8.6.1 with the following:

8.6.1   DDL representation syntax

```xml
<!-- ########################################################## -->
<!-- Definition of MPEG-7  P3DS Datatype                        -->
<!-- ########################################################## -->
<complexType name="Perceptual3DShapeType">
      <complexContent>
      <extension base="mpeg7:VisualDType">
      <sequence>
            <element name="BitsPerAttribute">
                  <simpleType>
                        <restriction base="integer">
                        <minInclusive value="1"/>
                        <maxInclusive value="15"/>
                        </restriction>
                  </simpleType>
            </element>
            <element name="IsConnected" minOccurs="0" maxOccurs="1">
                  <simpleType>
                        <restriction>
                              <simpleType>
                                    <list itemType="boolean"/>
                              </simpleType>
                              <minLength value="1"/>
                              <maxLength value="32385"/>
                        </restriction>
                  </simpleType>
            </element>
            <sequence minOccurs="1" maxOccurs="255">
                  <element name="Volume" type="mpeg7:unsigned15"/>
                  <element name="Center X" type="mpeg7:unsigned15"/>
                  <element name="Center Y" type="mpeg7:unsigned15"/>
                  <element name="Center_Z" type="mpeg7:unsigned15"/>
                  <element name="PCA_Axis_1X" type="mpeg7:unsigned15"/>
                  <element name="PCA Axis 1Y" type="mpeg7:unsigned15"/>
                  <element name="PCA_Axis_1Z" type="mpeg7:unsigned15"/>
                  <element name="PCA_Axis_2X" type="mpeg7:unsigned15"/>
                  <element name="PCA_Axis_2Y" type="mpeg7:unsigned15"/>
                  <element name="PCA Axis 2Z" type="mpeg7:unsigned15"/>
                  <element name="Max_1" type="mpeg7:unsigned15"/>
                  <element name="Max_2" type="mpeg7:unsigned15"/>
                  <element name="Max 3" type="mpeg7:unsigned15"/>
                  <element name="Convexity" type="mpeg7:unsigned15"/>
            </sequence>
      </sequence>
      </extension>
      </complexContent>
</complexType>
```