



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

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION  
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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*.

Replace subclause 8.6.1 with the following:

**8.6.1 DDL representation syntax**

```

<!-- ##### -->
<!-- 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>

```