## **INTERNATIONAL STANDARD**



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# l, g **Information technology - Computer** graphics, image processing and environmental data representation -Part 1: Humanoid animation (H-Anim) architecture

Technologies de l'information - Infographie, traitement de l'image et représentation des données environnementales - Partie 1: Architecture pour l'animation humanoïde (HAnim)

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#### Abstract

This document specifies a systematic system for representing humanoids in a network-enabled 3D graphics and multimedia environment. Conceptually, each humanoid is an articulated character that can be embedded in different representation systems and animated using the facilities provided by the representation system. This document specifies the abstract form and structure of humanoids.

Further, this document specifies the semantics of humanoid animation as an abstract functional behaviour of time-based, interactive 3D, multimedia articulated characters. This document does not define physical shapes for such characters but does specify how such characters can be structured for animation.

This document is intended for a wide variety of presentation systems and applications, providing wide latitude in interpretation and implementation of the functionality.

#### Installation

This publication has been packaged as a zipped file. Copy it to the desired location in your local environment. Once the file has been copied to your local environment, open the file to unzip its contents. For compound documents (e.g. HTML documents comprising several files or folders, documents that have been subdivided owing to the total file size, etc.), in order for the links between documents to function properly, the file and folder names must be maintained and all the files stored in the same folder.

Where the zip file contains a Readme file, it is essential to consult this file to understand the way in which the document has been structured.