



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : LITD 23/T-25554

Date : 10 May 2024

TECHNICAL COMMITTEE : Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information, LITD 23

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information Sectional Committee, LITD 23. Please [click here](#) to view the document.

Document Number : LITD 23 (25554) WC

Title of the document : Information Technology Computer Graphics Image Processing and Environment Data Representation Object Environmental Representation For Image-Based Rendering In Virtual Mixed and Augmented Reality VRMAR

Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

- 1) As virtual reality (VR) and augmented reality (AR) expand to applications in entertainment and education industries, many methods of augmenting reality to virtual space have been developed. Because of this expansion, the technology of capturing and representing objects in real environments is in high demand.*
- 2) One of the proposed methods of capturing the real world is image-based representation. Image-based representation is a technique that can be used in various applications that require 3D model rendering at an arbitrary viewpoint, including virtual reality, augmented reality and video stabilization. Since image-based representation is a predominant alternative to using 3D models in the growing VR/MAR market, due to its realism, scalability, accuracy and efficiency, creating a standard for image-based representation is required*

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 09 July 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at litd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(REENA GARG)
Head (Electronics and Information Technology Department)
Email: litd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : LITD 23/T-25554

दिनांक : 10-05-2024

**तकनीकी समिति : Coding and Processing Of Audio, Picture, Multimedia and Hypermedia
Information Sectional Committee, LITD 23**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : LITD 23 (25554) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 09 July 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

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