



BSI Standards Publication

Information technology for learning, education, and training — Human factor guidelines for virtual reality content

Part 2: Considerations when making VR content

National foreword

This Published Document is the UK implementation of [ISO/IEC TR 23842-2:2020](#).

The UK participation in its preparation was entrusted to Technical Committee IST/43, Information technology for learning, education and training.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2020
Published by BSI Standards Limited 2020

ISBN 978 0 539 02951 2

ICS 35.240.90

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 31 October 2020.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

TECHNICAL REPORT

ISO/IEC TR 23842-2

First edition
2020-10-06

Information technology for learning, education, and training — Human factor guidelines for virtual reality content —

Part 2: Considerations when making VR content

*Technologies de l'information pour l'apprentissage, l'éducation et la
formation — Lignes directrices relatives aux facteurs humains pour
les contenus en réalité virtuelle —*

*Partie 2: Éléments à prendre en compte lors de la création de
contenus en réalité virtuelle*



Reference number
ISO/IEC TR 23842-2:2020(E)

AVA Documents
Document Sharing Hub
© ISO/IEC 2020



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2020, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Abbreviated terms	2
5 Information for users on the home screen (initial screen)	2
6 Regular display alert messages	2
7 Design to eliminate recognition discrepancies	2
7.1 General.....	2
7.2 Depth.....	2
7.3 User interface.....	3
7.4 Distance within content.....	3
8 Design to improve user convenience and educational effects	3
9 Provide a management system for teachers	3
Annex A (informative) Example of guidelines for users	4
Bibliography	5