1. Record Nr. UNINA9910254840503321 Autore Peddie Jon Titolo Augmented Reality: Where We Will All Live / / by Jon Peddie Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 3-319-54502-7 **ISBN** 9783319545028 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XXXIII, 323 p.): ill Classificazione 32.24.28 000 Disciplina Computer science Soggetti Computer graphics User interfaces (Computer systems) Human-computer interaction Computer-aided engineering Computer Science Computer Graphics User Interfaces and Human Computer Interaction Computer-Aided Engineering (CAD, CAE) and Design Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Preface -- Introduction -- Types of Augmented Reality Systems --Augmented Reality—We'll All Be Experts Now -- Overview of Augmented Reality System Organization -- Historical Overview: Ghosts to Real AR to DARPA -- Key Applications -- Software Tools and Technologies -- Technology Issues -- Augmented Reality Devices and Suppliers -- Conclusions and Future Possibilities -- Appendix. This book provides an in-depth exploration of the field of augmented Sommario/riassunto reality (AR) in its entirety and sets out to distinguish AR from other inter-related technologies like virtual reality (VR) and mixed reality (MR). The author presents AR from its initial philosophies and early developments, to its current technologies and its impact on our

modern society, to its possible future developments; providing readers with the tools to understand issues relating to defining, building, and

using our perception of what is represented in our perceived reality, and ultimately how we assimilate and react to this information. Augmented Reality: Where We Will All Live can be used as a comprehensive guide to the field of AR and provides valuable insights for technologists, marketers, business managers, educators and academics who are interested in the field of augmented reality; its concepts, history, practices and the science behind this rapidly advancing field of research and development.