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| Soggetti | User interfaces (Computer systems) Human-computer interaction Virtual reality Augmented reality Human-machine systems Open source software User Interfaces and Human Computer Interaction Virtual and Augmented Reality Interaction Design Open Source |
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| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Chapter 1: Setting the Stage for the 'Interfaceless' Future -- Chapter 2: Exploring Generative AI and Its Transformative Power -- Chapter 3: Principles of Mindful and Conscious Design -- Chapter 4: The Evolving Role of AI: Automation and Beyond -- Chapter 5: Complexity, Simplicity, and True Minimalism -- Chapter 6: A Deep Dive into Interfaceless Environments -- Chapter 7: From Theory to Practice: Implementing 'Interfaceless' Designs -- Chapter 8: Ethical Design in an AI-Driven World -- Chapter 9: The Road Ahead: Predictions and Preparations -- Chapter 10: Concluding Thoughts and the Future Vision -- Appendix A: Resources and Tools for 'Interfaceless' Design -- Appendix B: Glossary of AI, Design and Key Terms -- Appendix C: Resources for Further Learning -- Appendix B: References. |
| Sommario/riassunto | Explore the possibilities of spatial computing and its integration with AI |

can provide beyond the confines of a traditional user interface. Spatial computing brings together physical and virtual worlds and systems. This book offers an insightful journey into harmonizing user-centered design with the vast potential of AI in spatial computing. You'll start by exploring key concepts and processes in relation to conscious design and traditional computer interfaces. You'll then be introduced to the Mindful Spatial Design Framework (MSDF) and the rapidly evolving world of generative AI and its potential to transform design processes. Once the key concepts are mastered, you'll start to put them into practice and see how to design, prototype, and test interfaceless systems and environments that are seamless and user-friendly. In doing so you'll consider topics such as functionality and aesthetics, as well as how AI can improve automation and testing. The book concludes by looking at ethical AI considerations and best practices as well as looking at next steps and future developments of spatial computing and interfaceless design. As these invisible interfaces become more prevalent, understanding the key principles of conscious design is pivotal. Interfaceless will expand your knowledge base in these areas.
