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Descrizione fisica	1 online resource (XVIII, 181 p. 87 illus., 82 illus. in color.)
Collana	Technology in action
Disciplina	621.988
Soggetti	Computer input-output equipment Hardware and Maker
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. Pendulums -- Chapter 2. Geology -- Chapter 3. Snow and Ice -- Chapter 4. Doppler and Mach -- Chapter 5. Moment of Inertia -- Chapter 6. Probability -- Chapter 7. Digital Logic -- Chapter 8. Gravitational Waves -- Appendix A. 3D Printing and OpenSCAD -- Appendix B. Links.
Sommario/riassunto	Learn physics, engineering, and geology concepts usually seen in high school and college in an easy, accessible style. This second volume addresses these topics for advanced science fair participants or those who just like reading about and understanding science. 3D Printed Science Project Volume 2 describes eight open-source 3D printable models, as well as creative activities using the resulting 3D printed pieces. The files are designed to print as easily as possible, and the authors give tips for printing them on open source printers. As 3D printers become more and more common and affordable, hobbyists, teachers, parents, and students stall out once they've printed some toys and a few household items. To get beyond this, most people benefit from a "starter set" of objects as a beginning point in their explorations, partially just to see what is possible. This book tells you the solid science stories that these models offer, and provides them in open-source repositories. .