Record Nr. UNINA9910300436603321 Autore Bisi Olmes Titolo Visible and Invisible: The Wonders of Light Phenomena / / by Olmes Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-09825-X Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (331 p.) Collana Astronomers' Universe, , 1614-659X Disciplina 509 520 535.2 537.6 Soggetti Astronomy **Optics** Electrodynamics History Popular Science in Astronomy Classical Electrodynamics History of Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto History of Light -- Experimenting Light -- Light and Sky -- Light and Life -- Light Techniques -- Glossary. Light phenomena have intrigued humankind since prehistory. Think of Sommario/riassunto the rainbow, a sunset on the sea, a game of shadows. Humans have always used light for their own needs, from cooking food to illuminating a room. However, light is not only limited to what we can see with our eyes. The invisible part of the electromagnetic spectrum is broad and dynamic. This book outlines the mysteries and wonders of electromagnetism, heat, and light. It also covers the history of our scientific understanding of light. The dark as well as the bright sides of light are fully explored in these pages, from their impact on our world

to their use in cutting-edge technologies in a variety of fields.

Numerous full-color images and drawings complement the text, and

| light phenomena are explained in a simple and engaging way. |
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