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| Descrizione fisica | 1 online resource (241 p.) |
| Collana | Philosophical issues in science. The laboratory of the mind |
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| Soggetti | Physics - Philosophy Thought experiments Quantum theory Science - Methodology Rationalism Knowledge, Theory of Philosophical issues in science |
| Lingua di pubblicazione | Inglese |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Cover; The Laboratory of the Mind Thought Experiments in the Natural Sciences; copyright; Contents; Preface and Acknowledgements(First Edition); Preface (to the Second Edition); 1. Illustrations from the laboratory of the mind; 2. The structure of thought experiments; 3. Counter thought experiments; 4. Mathematical thinking; 5. Seeing the laws of nature; 6. The development of inertial motion; 7. Einstein's brand of verificationism; 8. Quantum mechanics: a Platonic interpretation; Afterword; Notes; Bibliography; Index |
| Sommario/riassunto | Newton's bucket, Einstein's elevator, Schrodinger's cat - these are some of the best-known examples of thought experiments in the natural sciences. But what function do these experiments perform? Are they really experiments at all? Can they help us gain a greater understanding |

of the natural world? How is it possible that we can learn new things just by thinking? In this revised and updated new edition of his classic text *The Laboratory of the Mind*, James Robert Brown continues to defend apriorism in the physical world. This edition features two new chapters, one on "coun
