

1. Record Nr.	UNINA9910816233303321
Autore	Giere Ronald N
Titolo	Explaining science : a cognitive approach / / Ronald N. Giere
Pubbl/distr/stampa	Chicago, : University of Chicago Press, c1988
ISBN	1-283-05821-9 9786613058218 0-226-29203-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (345 p.)
Collana	Science and its conceptual foundations
Disciplina	500
Soggetti	Science - Philosophy Science - Social aspects Cognition Realism
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	Front matter -- Contents -- Figures -- Preface -- Acknowledgments -- 1. Toward a Unified Cognitive Theory of Science -- 2. Theories of Science -- 3. Models and Theories -- 4. Constructive Realism -- 5. Realism in the Laboratory -- 6. Scientific Judgment -- 7. Models and Experiments -- 8. Explaining the Revolution in Geology -- Epilogue: Reflexive Reflections -- Notes -- References -- Index
Sommario/riassunto	"This volume presents an attempt to construct a unified cognitive theory of science in relatively short compass. It confronts the strong program in sociology of science and the positions of various post positivist philosophers of science, developing significant alternatives to each in a readily comprehensible style. It draws loosely on recent developments in cognitive science, without burdening the argument with detailed results from that source. . . . The book is thus a provocative one. Perhaps that is a measure of its value: it will lead scholars and serious student from a number of science studies disciplines into continued and sharpened debate over fundamental questions."-Richard Burian, Isis "The writing is delightfully clear and accessible. On balance, few books advance our subject as well."-Paul Teller, Philosophy of Science

