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Autore	Nishimori Hidetoshi
Titolo	Elements of phase transitions and critical phenomena / / Hidetoshi Nishimori, Gerardo Ortiz
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Descrizione fisica	1 online resource (xiii, 358 p.) : ill. ;
Collana	Oxford graduate texts
Altri autori (Persone)	OrtizGerardo
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Soggetti	Phase transformations (Statistical physics) Critical phenomena (Physics) Physics Physical Sciences & Mathematics Atomic Physics
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	Phase transitions and critical phenomena -- Mean-field theories -- Renormalization group and scaling -- Implementation of the renormalization group -- Field theory -- Conformal field theory -- Kosterlitz-Thouless transition -- Random systems -- Exact solutions and related topics -- Duality -- Numerical methods.
Sommario/riassunto	An introductory account of the theory of phase transitions and critical phenomena, this book reflects lectures given by the authors to graduate students at their departments and is thus classroom-tested to help beginners enter the field.