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Titolo	Conformal Invariance: an Introduction to Loops, Interfaces and Stochastic Loewner Evolution [[electronic resource] /] / edited by Malte Henkel, Dragi Karevski
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Descrizione fisica	1 online resource (XVI, 189 p. 69 illus., 19 illus. in color.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 853
Disciplina	530.14/3
Soaaetti	Physics
	Statistical physics
	Dynamical systems
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to CFT Critical Interfaces and SLE Numerical tests of SLE Loop Models and boundary CFT.
Sommario/riassunto	Conformal invariance has been a spectacularly successful tool in advancing our understanding of the two-dimensional phase transitions found in classical systems at equilibrium. This volume sharpens our picture of the applications of conformal invariance, introducing non- local observables such as loops and interfaces before explaining how they arise in specific physical contexts. It then shows how to use conformal invariance to determine their properties. Moving on to cover key conceptual developments in conformal invariance, the book devotes much of its space to stochastic Loewner evolution (SLE), detailing SLE's conceptual foundations as well as extensive numerical

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attention to surface effects. As clear and accessible as it is
authoritative, this publication is as suitable for non-specialist readers
and graduate students alike.