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	Titolo	Tipping points : modelling social problems and health / / edited by John Bissell [and four others] ; contributors, N. Bellomo [and twenty-one others]
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	Descrizione fisica	1 online resource (234 p.)
	Collana	Wiley Series in Computational and Quantitative Social Science
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	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
	Nota di contenuto	The smoking epidemic -- Generalised compartmental modelling of health epidemics -- Stochastic modelling for compartmental systems applied to social problems -- Women and smoking in the north east of England -- Mathematical modelling in healthcare -- Tipping points in cardiac surgical performance -- Heart online uncertainty and stability estimation -- Stents, blood flow, and pregnancy -- Tipping points in social dynamics -- From five key questions to a system sociology theory -- Complexity in spatial dynamics -- Conformity bias and catastrophic social change -- The resilience of tipping points -- Psychological perspectives on risk and resilience -- Tipping points and uncertainty in health & health care systems.
	Sommario/riassunto	This book focuses on the modelling of contemporary health and social problems, especially those considered a major burden to communities, governments and taxpayers, such as smoking, alcoholism, drug use, and heart disease. Based on a series of papers presented at a recent conference hosted by the Leverhulme-funded Tipping Points project at the University of Durham, this book illustrates a broad range of

modelling approaches. Such a diverse collection demonstrates that an interdisciplinary approach is essential to modelling tipping points in health and social problems, and the assessment of as