

1. Record Nr.	UNINA9910695299803321
Autore	Rukhin Andrew L
Titolo	A statistical test suite for random and pseudorandom number generators for cryptographic applications [[electronic resource] /] / Andrew Rukhin ... [and others]
Pubbl/distr/stampa	[Gaithersburg, MD] : , : [U.S. Dept. of Commerce, Technology Administration, National Institute of Standards and Technology], , [2001]
Edizione	[Rev.]
Descrizione fisica	xi, 153 pages : digital, PDF file
Collana	NIST special publication ; ; 800-22
Altri autori (Persone)	RukhinAndrew L BasshamLawrence E
Soggetti	Random number generators Statistical hypothesis testing Computer security Data encryption (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on July 24, 2006). "With revisions dated May 15, 2001."
Nota di bibliografia	Includes bibliographical references (page G-1).
Sommario/riassunto	This paper discusses some aspects of selecting and testing random and pseudorandom number generators. The outputs of such generators may be used in many cryptographic applications, such as the generation of key material. Generators suitable for use in cryptographic applications may need to meet stronger requirements than for other applications. In particular, their outputs must be unpredictable in the absence of knowledge of the inputs. Some criteria for characterizing and selecting appropriate generators are discussed in this document. The subject of statistical testing and its relation to cryptanalysis is also discussed, and some recommended statistical tests are provided. These tests may be useful as a first step in determining whether or not a generator is suitable for a particular cryptographic application. However, no set of statistical tests can absolutely certify a generator as appropriate for usage in a particular application, i.e., statistical testing

cannot serve as a substitute for cryptanalysis. The design and cryptanalysis of generators is outside the scope of this paper.

2. Record Nr.	UNINA9910786952603321
Autore	Hodson Mike
Titolo	Low carbon nation / / Mike Hodson and Simon Marvin
Pubbl/distr/stampa	Abingdon, Oxon : , : Routledge, , 2013
ISBN	0-415-63228-5 1-136-66769-5 1-136-66762-8 0-203-58304-3
Descrizione fisica	1 online resource (ix, 229 pages)
Altri autori (Persone)	MarvinSimon <1963->
Disciplina	307.1/2160941
Soggetti	City planning - Environmental aspects - Great Britain Urban policy - Great Britain Regional planning - Environmental aspects - Great Britain Carbon dioxide mitigation - Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Formerly CIP.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction 2. Low Carbon Britain as Spaces of Experimentation 3. Re-Engineering State Low Carbon Architecture 4. Exclusive Capabilities and Low Carbon Strategies 5. The Low Carbon Saudi Arabia? Scotland 6. Knitting, Prioritising and Bounding the Low Carbon Region: Wales 7. The Low Carbon Industrial Phoenix? North East England 8. The Race for the Low Carbon Capital: Greater London 9. Low Carbon Economic Boosterism: Greater Manchester 10. Conclusion: What Kind of Low Carbon Britain?
Sommario/riassunto	What does the transition to a Low Carbon Britain mean for the future development of cities and regions across the country? Does it reinforce existing 'business as usual' or create new transformational opportunities? Low Carbon Nation? takes an interdisciplinary approach to tackle this critical question, by looking across the different dimensions of technological, scientific, social and economic change

within the diverse city and regional contexts of the UK. Hodson and Marvin set out how the transition to low carbon futures needs to be understood as a dual response to the wider financial and economic crisis and to critical ecological concerns about the implications of global climate change. The book develops a novel framework for understanding how the transition to low carbon is informed by historical legacies that shape the geographical, political and cultural dimensions of low carbon responses. Through a programme of research in Scotland, Wales, the North East of England, Greater London, and Greater Manchester, the authors set out different styles of low carbon urban and regional response. Through in-depth illustration of this in newly devolved nations, an old industrial region, a global city-region and in an entrepreneurial city, international lessons can be drawn about the limits and the unrealised opportunities of low carbon transition. This book is key reading for students on geography, economics, planning and social science degrees, as well as those studying sustainability in related contexts trying to understand the urban and regional politics of low carbon transition. It is also an essential resource for policymakers, public officials, elected representatives, environmentalists and business leaders concerned with shaping the direction and type of transition. What does the transition to a Low Carbon Britain mean for the future development of cities and regions across the country? Does it reinforce existing 'business as usual' or create new transformational opportunities? Low Carbon Nation? takes an interdisciplinary approach to tackle this critical question, by looking across the different dimensions of technological, scientific, social and economic change within the diverse city and regional contexts of the UK. Hodson and Marvin set out how the transition to low carbon futures needs to be understood as a dual response to the wider financial and economic crisis and to critical ecological concerns about the implications of global climate change. The book develops a novel framework for understanding how the transition to low carbon is informed by historical legacies that shape the geographical, political and cultural dimensions of low carbon responses. Through a programme of research in Scotland, Wales, the North East of England, Greater London, and Greater Manchester, the authors set out different styles of low carbon urban and regional response. Through in-depth illustration of this in newly devolved nations, an old industrial region, a global city-region and in an entrepreneurial city, international lessons can be drawn about the limits and the unrealised opportunities of low carbon transition. This book is key reading for students on geography, economics, planning and social science degrees, as well as those studying sustainability in related contexts trying to understand the urban and regional politics of low carbon transition. It is also an essential resource for policymakers, public officials, elected representatives, environmentalists and business leaders concerned with shaping the direction and type of transition.
