

1. Record Nr.	UNISA996214389503316
Autore	Zippo Antonio Giuliano
Titolo	Neuronal ensemble modeling and analysis with variable order Markov Models / / Antonio Giuliano Zippo
Pubbl/distr/stampa	Ledizioni, 2011 Milan, Italy : , : Ledizioni LediPublishing, , 2011 ©2011
Descrizione fisica	1 online resource (154 pages) : illustrations; digital file(s)
Collana	Mathematical Sciences
Soggetti	Computational neuroscience Neurosciences - Mathematics Neurosciences - Mathematical models
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.
Sommario/riassunto	Neuronal cells (neurons) mainly transmit signals by action potentials or spikes. Neuronal electrical activity is recorded from experimental animals by microelectrodes placed in specific brain areas. These electrochemical fast phenomena occur as all-or-none events and can be analyzed as boolean sequences. Following this approach, several computational analyses reported most variable neuronal behaviors expressed through a large variety of firing patterns [13]. These patterns have been modeled as symbolic strings with a number of different techniques[23, 55]. The results obtained with these methods come (i) from Ventrobasal Thalamic Nuclei (VB) and Somato sensory Cortex (SSI) in Chronic Pain Animals (CPAs), (ii) from Primary Visual (V1) and (SSI) in rat Cortices and, finally, (iii) from IL human Thalamus Nuclei in patients suffering from states of disordered consciousness like Persistent Vegetative State (PVS) and Minimum Conscious State (MCS).

2. Record Nr.	UNINA9910300575103321
Titolo	Developments in Environmental Regulation : Risk based regulation in the UK and Europe // edited by Jon Foreman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2018
ISBN	9783319619378 3319619373
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVII, 336 p. 24 illus., 22 illus. in color.)
Collana	Palgrave Studies in Environmental Policy and Regulation, , 2946-3963
Disciplina	354.3
Soggetti	Environmental policy Environmental management Environmental law Physical geography Environmental Policy Environmental Management Environmental Law Physical Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1. Introduction to Environmental Regulation and Practice in the UK and Europe -- 2. Environmental Regulation and Growth - Impact on Sustainable Growth -- 3. Better Regulation Initiatives -- 4. Steps Towards Radically Smarter Regulation in the UK (2012 - 2017) -- 5. The Sector Based Approach and Partnerships - Regulatory Interventions to Reduce Risk and Promote Compliance -- 6. Implementing the Industrial Emissions Directive - The UK Environmental Permitting Regime for High Risk Activities -- 7. Environmental Regulation for High Risk Materials and Hazardous Wastes -- 8. Environmental Risk Management and Assurance -- 9. The Impact of the UK Leaving the EU - Summary and Forward Look on Environmental Regulation.
Sommario/riassunto	This book provides a critical examination of contemporary approaches to environmental regulation in the UK and the European Union. It also

explores how regulation has evolved in response to a number of factors, including industrial development and improved scientific knowledge, while considering the radical next steps that need to be taken in response to existing challenges. Developments in Environmental Regulation draws its focus on the effects of risk-based approaches to the environmental regulation of business and industry, including its impact on sustainable economic growth. The book also considers the challenges and potential opportunities that surround the UK's withdrawal, or 'Brexit', from the European Union. This edited collection has been written by a group of highly experienced regulatory specialists whose insightful perspectives on key areas of environmental regulation are situated at the core of this work. This book will appeal to students and academics, policy-makers and environmental practitioners interested in understanding how environmental policy and regulation is applied and how it can be adapted to its political context.
