1. Record Nr.	UNINA9911020325203321
Autore	Evans Gareth (Gareth M.)
Titolo	Environmental biotechnology : theory and application / / by Gareth M. Evans, Judith C. Furlong
Pubbl/distr/stampa	Chichester, West Sussex, UK ; ; Hoboken, NJ, : Wiley-Blackwell, 2011
ISBN	9786612889271
	9780470975152
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Edizione	[2nd ed.]
Descrizione fisica	xii, 275 p. : ill
Altri autori (Persone)	FurlongJudith C
Disciplina	628.5
Soggetti	Bioremediation
	Pollution
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 environmental biotechnology -- Microbes and metabolism -- Fundamentals of biological intervention -- Pollution and pollution control -- Contaminated land and bio-remediation -- Aerobes and effluents -- Phytotechnology and photosynthesis -- Biotechnology and waste -- Genetic manipulation -- Integrated environmental biotechnology.
Sommario/riassunto	Environmental Biotechnology: Theory and Applications, 2 nd Edition is designed to draw together the microscopic, functional level and the macroscopic, practical applications of biotechnology and to explain how the two relate within an environmental context. It presents the practical biological approaches currently employed to address environmental problems and provides the reader with a working knowledge of the science that underpins them. Biotechnology has now

become a realistic alternative to many established approaches for manufacturing, land remediation, pollution control and waste management and is therefore an essential aspect of environmental studies. Fully updated to reflect new developments in the field and with numerous new case studies throughout this edition will be essential reading for undergraduates and masters students taking modules in Biotechnology or Pollution Control as part of Environmental Science, Environmental Management or Environmental Biology programmes. Quote from the first edition: "There is no doubt that this book will be one of inspiration for all professionals in the field. It is a very good framework for understanding the complex nature of processes and technology and as such it will be useful for researchers, practitioners and other parties who need a working knowledge of this fascinating subject." -Professor Bjorn Jensen, Chairman of the European Federation of Biotechnology, Environmental Biotechnology section and Research and Innovation Director, DHI Water and Environment

2.	Record Nr.	UNINA9910959709603321
	Autore	Van Rijsbergen C. J. <1943->
	Titolo	The geometry of information retrieval / / C.J. Van Rijsbergen
	Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2004
	ISBN	1-107-15054-X
		1-280-54078-8
		9786610540785
		0-511-21496-0
		0-511-21675-0
		0-511-21138-4
		0-511-31548-1
		0-511-54333-6
		0-511-21315-8
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (xii, 150 pages) : digital, PDF file(s)
	Disciplina	025.04
	Soggetti	Computer science - Mathematics
		Information storage and retrieval systems - Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 120-144) and indexes.
Nota di contenuto	; 1. Introduction -- ; 2. On sets and kinds for IR -- ; 3. Vector and Hilbert spaces -- ; 4. Linear transformations, operators and matrices -- ; 5. Conditional logic in IR -- ; 6. geometry of IR.
Sommario/riassunto	Information retrieval, IR, the science of extracting information from any potential source, can be viewed in a number of ways: logical, probabilistic and vector space models are some of the most important. In this book, the author, one of the leading researchers in the area, shows how these views can be reforged in the same framework used to formulate the general principles of quantum mechanics. All the usual quantum-mechanical notions have their IR-theoretic analogues, and the standard results can be applied to address problems in IR, such as pseudo-relevance feedback, relevance feedback and ostensive retrieval. The relation with quantum computing is also examined. To keep the book self-contained appendices with background material on physics and mathematics are included. Each chapter ends with bibliographic remarks that point to further reading. This is an important, ground-breaking book, with much new material, for all those working in IR, AI and natural language processing.