

1. Record Nr.	UNINA9910765889603321
Titolo	Extremophiles and extreme environments / / edited by Pabulo H. Rampelotto
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI, , [2016] ©2016
ISBN	3-03842-178-2
Descrizione fisica	1 online resource (438 pages) : illustrations
Disciplina	578.758
Soggetti	Extreme environments - Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Over the last decades, the study of extremophiles has provided ground breaking discoveries that challenge the paradigms of modern biology and make us rethink intriguing questions such as "what is life?", "what are the limits of life?", and "what are the fundamental features of life?". The mechanisms by which different microorganisms adapt to extreme environments provide a unique perspective on the fundamental characteristics of biological processes present in most species. Extremophiles are also critical for evolutionary studies related to the origins of life, since they form a cluster on the base of the tree of life. Furthermore, the application of extremophiles in industrial processes has opened a new era in biotechnology. The study of extreme environments has become a key area of research for astrobiology. Extremophiles may help us understand what form life takes on other planetary bodies in our own solar system and beyond. These findings and possibilities have made the study of life in extreme environments one of the most exciting areas of research in recent decades. However, despite the latest advances we are just in the beginning of exploring and characterizing the world of extremophiles. This special issue covers all aspects of life in extreme environments. The submission of scientific perspectives, comprehensive reviews or research articles is most welcome.</p>

2. Record Nr.	UNINA9910778951403321
Autore	Shifman Mikhail A.
Titolo	Advanced topics in quantum field theory : a lecture course / / M. Shifman [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2012
ISBN	1-316-08662-3 1-280-56854-2 1-139-22171-X 9786613598141 1-139-01335-1 1-139-22341-0 1-139-21689-9 1-139-21382-2 1-139-21998-7
Descrizione fisica	1 online resource (xvii 622 pages) : digital, PDF file(s)
Classificazione	SCI040000
Disciplina	530.14/3
Soggetti	Quantum field theory
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 and index.
Nota di contenuto	Machine generated contents note: Part I. Before Supersymmetry: 1. Phases of gauge theories; 2. Kinks and domain walls; 3. Vortices and flux tubes (strings); 4. Monopoles and skyrmions; 5. Instantons; 6. Isotropic ferromagnet: O(3) sigma model and extensions; 7. False vacuum decay and related topics; 8. Chiral anomaly; 9. Confinement in 4D gauge theories and models in lower dimensions; Part II. Introduction to Supersymmetry: 10. Basics of supersymmetry with emphasis on gauge theories; 11. Supersymmetric solitons; References; Index.
Sommario/riassunto	Since the advent of Yang-Mills theories and supersymmetry in the 1970s, quantum field theory - the basis of the modern description of physical phenomena at the fundamental level - has undergone revolutionary developments. This is the first systematic and comprehensive text devoted specifically to modern field theory, bringing readers to the cutting edge of current research. The book

emphasizes nonperturbative phenomena and supersymmetry. It includes a thorough discussion of various phases of gauge theories, extended objects and their quantization, and global supersymmetry from a modern perspective. Featuring extensive cross-referencing from traditional topics to recent breakthroughs in the field, it prepares students for independent research. The side boxes summarizing the main results and over 70 exercises make this an indispensable book for graduate students and researchers in theoretical physics.

3. Record Nr.	UNINA9910830618203321
Autore	Thomas Gill <1950->
Titolo	Construction partnering & integrated teamworking [[electronic resource] /] / Gill Thomas and Mike Thomas
Pubbl/distr/stampa	Oxford, UK ; ; Malden, MA, : Blackwell Pub., 2005
ISBN	1-280-74864-8 9786610748648 0-470-76361-2 0-470-75966-6 1-4051-7207-X
Descrizione fisica	1 online resource (248 p.)
Altri autori (Persone)	ThomasMike <1947->
Disciplina	624.068 624.0684 624/.068/4
Soggetti	Construction industry - Management Teams in the workplace Strategic alliances (Business) Partnership
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [230]-232) and index.
Nota di contenuto	The culture change to partnering and integrated teamworking -- Identifying the organisations' value criteria -- Partnering advisers and facilitators -- Internal partnering and managing change -- Selection criteria and weighting -- Selecting supplier partners -- Writing

effective partnering documentation -- Evaluating client partners -- Submitting successful partnering bids -- Assessment, evaluation and award -- Developing the integrated team -- Trust -- Respect for people -- Communication -- Non-technical team roles -- Mutual objectives -- Issue resolution -- Partnering champions and the core groups -- Continuous improvement -- Benchmarking and key performance indicators -- A programme of partnering and integrated team workshops -- Initial partnering workshop -- Continuous improvement review -- Post project review -- Value management -- Risk management -- Lean thinking -- Cola--the cross organisational learning approach -- Implementing best value through partnering and integrated teamworking -- Sustainability -- Whole life costing -- Innovation -- Open book accounting -- Incentivisation and award -- Partnering contracts -- Involving interested parties and inducting new staff -- Avoiding the pitfalls of partnering -- Icebreakers and team building exercises.

Sommario/riassunto

'As long as government continues to push collaborative working and best value, partnering will be in vogue' If you are implementing partnering in your organisation and don't know where to start, this book covers everything you'll need - explaining all aspects of the partnering relationship from scratch. Construction Partnering & Integrated Teamworking provides information and instruction on the full range of topics in sufficient depth and tells you:how to do it the tools you'll need the pitfalls to avoid. With its acce
