

1. Record Nr.	UNINA9910139816203321
Titolo	An Advanced Course in Modern Nuclear Physics // edited by J.M. Arias, M. Lozano
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
ISBN	3-540-44620-6
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (XII, 350 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 581
Disciplina	539.7
Soggetti	Nuclear physics Heavy ions Nuclear fusion Particle acceleration Nuclear Physics, Heavy Ions, Hadrons Nuclear Fusion Particle Acceleration and Detection, Beam Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Physics and Astronomy."
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The theory of the nucleon-nucleon interaction -- The atomic nucleus observed with electromagnetic probes -- The nuclear shell model -- The nuclear collective motion -- The interacting boson model -- The limits of the mean field -- The microscopic treatment of the nuclear system -- Semi-classical methods in nuclear physics -- Scattering and reactions of halo nuclei -- Nuclear physics away from the valley of stability -- Structure of vacuum and elementary matter: from superheavies via hypermatter to antimatter.
Sommario/riassunto	The field of nuclear physics is entering the 21st century while experiencing a strong revival. On the one hand it is changing qualitatively through new experimental developments that allow us to direct radioactive and other exotic probes to target nuclei, and spark off extremely energetic nuclear collisions. Also, the impressive sophistication of new detector systems leads us to expect a number of new discoveries in the near future. On the other hand many new

applications have appeared in fields as diverse as medicine, industry, art, archaeology and the environmental sciences. This book is a set of extended lectures on basic and new topics, that gives a tutorial introduction to the field of modern nuclear physics. It is ideally suited to bridging the gap between the standard textbook material and the research literature, and provides the necessary foundation for acting as those who intend to work in any of the many disciplines where nuclear science and technology is going to play an important role in the future.

2. Record Nr.	UNICAMPANIAVAN00268469
Autore	Kfoury, Assaf J.
Titolo	A Programming Approach to Computability / A. J. Kfoury, Robert N. Moll, Michael A. Arbib
Pubbl/distr/stampa	New York, : Springer-Verlag, 1982
Descrizione fisica	viii, 251 p. : ill. ; 24 cm
Altri autori (Persone)	Arbib, Michael A. Moll, Robert N.
Soggetti	03-XX - Mathematical logic and foundations [MSC 2020] 03D60 - Computability and recursion theory on ordinals, admissible sets, etc. [MSC 2020] 03D80 - Applications of computability and recursion theory [MSC 2020] 68-XX - Computer science [MSC 2020] 68N01 - General topics in the theory of software [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910418295303321
Titolo	Online Teaching and Learning in Higher Education // edited by Pedro Isaias, Demetrios G. Sampson, Dirk Ifenthaler
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	9783030481902 3030481905
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXIV, 211 p. 57 illus., 40 illus. in color.)
Collana	Cognition and Exploratory Learning in the Digital Age, , 2662-5636
Disciplina	378.17344678
Soggetti	Education, Higher Educational technology Higher Education Digital Education and Educational Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I: Online Higher Education -- Digital competence model of distance learning students -- Relationship between goal orientation, conception of learning and learning behaviour -- Proposing and evaluating a model of co-construction of the learning scenario by the learner -- Flipping your classroom: a methodology for successful flipped classrooms -- Part II: Online STEM Higher Education -- Implementation of an adaptive instructional design for a physics module in a learning management system -- OCRA, a mobile learning prototype for understanding chemistry concepts -- Study on the factors contributing to the motivation of mathematical studies at the university -- Self-organizing map analysis of educational skills using questionnaire to university students in computing classes -- Gamesonomy vs scratch: two different ways to introduce programming -- Building collaborative creativity through an iterative approach -- Part III: Learning Analytics in Online Higher Education -- Attributes of engagement in challenge-based digital learning environments -- Analysing university student academic performance at the unit level -- Online learners' readiness and learning interactions: a sequential analysis -- BR-Map: concept map system using e-book logs -- Suitable

judgement assistance of visualization method for sensor log overlapping on daily video -- Part IV: Case Studies of Online Higher Education -- How to flip a classroom and improve student learning and engagement: the case of PSYC1030 -- The communication preferences of collegiate students -- Problem-based learning and computer-based scaffolds in distance education -- Effects of content and language integrated learning class design based on the first principle of instruction theory: a case study -- Usability evaluation of a virtual learning environment: a university case study -- Comparison of developed in "efficiensea2" project platform "balticweb" with standard ECDIS (F142) -- Autodidact: Introducing the concept of mutual learning into a smart factory industry 4.0 -- Concluding Remarks -- Concluding chapter by editors.

Sommario/riassunto

This book is to explore a variety of facets of online learning environments to understand how learning occurs and succeeds in digital contexts and what teaching strategies and technologies are most suited to this format. Business, health, government and education are some of the core sectors of society which have been experiencing deep transformations due to a generalized digitalization. While these changes are not novel, the swift progress of technology and the rising complexity of digital environments place a focus on the need for further research and novel strategies. In the context of education, the promise of increased flexibility and broader access to educational resources is impelling much of higher education's course offerings to online environments. The 21st century learner requires an education that can be pursued anytime and anywhere and that is more aligned with the demands of a digital society. Online education not only assists students to successfully integrate a workforce that is increasingly digital, but it helps them to become more comfortable with the use of technology in general and, hence, more prepared to be prolific digital citizens. The variety of settings portrayed in this volume attest to the unlimited opportunities afforded by online learning and serve as valuable evidence of its benefit for students' educational experience. Moreover, these research efforts assist a more comprehensive reflection about the delivery of higher education in the context of online settings. .
