1. | | |
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| Record Nr. | UNISALENTO991003009849707536 |
| Autore | Grell, Chantal |
| Titolo | Herculanum et Pompéi dans les récits des voyageurs français du 18. siècle / Chantal Grell |
| Pubbl/distr/stampa | Naples : Centre Jean Bérard, 1982 |
| ISBN | 290318920X |
| Descrizione fisica | XIII, 230 p., [17] c. di tav. : ill. ; 23 cm. |
| Collana | Bibliothèque de l'Institut français de Naples. 3. sér ; 2 |
| Disciplina | 848.5 |
| Soggetti | Pompei - Descrizioni e viaggi |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. | | |
|---|---|
| Record Nr. | UNINA9910144421503321 |
| Autore | Moore John D |
| Titolo | Lectures on Seiberg-Witten Invariants / / by John D. Moore |
| Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001 |
| ISBN | 3-540-40952-1 |
| Edizione | [2nd ed. 2001.] |
| Descrizione fisica | 1 online resource (VIII, 121 p.) |
| Collana | Lecture Notes in Mathematics, , 1617-9692 ; ; 1629 |
| Classificazione | 58E15 |
| Disciplina | 510 s |
| | 514/.74 |
| Soggetti | Algebra |
| | Algebraic topology |
| | Mathematical optimization |
| | Calculus of variations |
| | Global analysis (Mathematics) |
| | Manifolds (Mathematics) |
| | System theory |
| | Control theory |
| | Geometry, Algebraic |
| | Algebraic Topology |
| | Calculus of Variations and Optimization |
| | Global Analysis and Analysis on Manifolds |

Systems Theory, Control
Algebraic Geometry

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.
Sommario/riassunto	Riemannian, symplectic and complex geometry are often studied by means ofsolutions to systems ofnonlinear differential equations, such as the equa- tions of geodesics, minimal surfaces, pseudoholomorphic curves and Yang- Mills connections. For studying such equations, a new unified technology has been developed, involving analysis on infinite-dimensional manifolds. A striking applications of the new technology is Donaldson's theory of "anti-self-dual" connections on SU (2)-bundles over four-manifolds, which applies the Yang-Mills equations from mathematical physics to shed light on the relationship between the classification of topological and smooth four-manifolds. This reverses the expected direction of application from topology to differential equations to mathematical physics. Even though the Yang-Mills equations are only mildly nonlinear, a prodigious amount of nonlinear analysis is necessary to fully understand the properties of the space of solutions. . At our present state of knowledge, understanding smooth structures on topological four-manifolds seems to require nonlinear as opposed to linear PDE's. It is therefore quite surprising that there is a set of PDE's which are even less nonlinear than the Yang-Mills equation, but can yield many of the most important results from Donaldson's theory. These are the Seiberg-Witte~ equations. These lecture notes stem from a graduate course given at the University of California in Santa Barbara during the spring quarter of 1995. The objective was to make the Seiberg-Witten approach to Donaldson theory accessible to second-year graduate students who had already taken basic courses in differential geometry and algebraic topology.