1. Record Nr. UNINA9910454366903321

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| Titolo | Physics, chemistry and application of nanostructures [[electronic resource] ] : review and short notes to Nanomeeting-2001 : Minsk, Belarus 22-25 May 2001 / / editors, V.E. Borisenko, S.V. Gaponenko, V. S. Gurin |
| Pubbl/distr/stampa | Singapore ; ; River Edge, NJ, : World Scientific, c2001 |
| ISBN | 1-281-95161-7<br>9786611951610<br>981-281-007-2 |
| Descrizione fisica | 1 online resource (510 p.) |
| Altri autori (Persone) | BorisenkoV. E (Viktor Evgenevich)<br>GaponenkoS. V <1958-> (Sergey V.)<br>GurinV. S |
| Disciplina | 620.5<br>620/.5 |
| Soggetti | Nanostructures<br>Solid state chemistry<br>Nanotechnology<br>Nanostructures - Industrial applications<br>Electronic books. |
| 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 and index. |
| Nota di contenuto | CONTENTS; Foreword; PHYSICS OF NANOSTRUCTURES; Discovery and understanding of nanoworld in the XX-th century: main achievements in the mirror of the Nobel Prizes; Self-assembled InGaAs quantum dot superlattices; Multiexciton dynamics of GaAs single quantum dots Photoreflectance Investigations of low dimensional semiconductor structures  Thermoelectric properties of chaotic quantum dots; Polarons in quantum wells; Self-assembling SiGe dots: nucleation and growth<br>Stress and strain distributions in Ge dots on Si(001) by molecular dynamics simulation  Light emission from semiconducting silicide nanostructures in silicon; Physics of multiwalled carbon nanotubes ; |

Ultra thin C60-based films: molecular arrangement and electronic states
On a possibility of the Mott transition in a quantum dot ensemble
Screening of extra point charge in a few particle coulomb system; A superlattice with resonant states in a unit cell: the band structure and electron transitions
Dispersion of guided plasmon-polaritons in a planar Bragg microresonator with two-dimensional electron system Optical properties of fractal Cantor-like multilayer nanostructures ; I-V curves of short intentionally disordered superlattices in vertical direction
Phonon-plasmon interaction in tunneling GaAs/AlAs superlattices: experiment and calculations

Sommario/riassunto

The book contains impressive results obtained in the XX-th century and discussion of next challenges of the XXI-st century in understanding of the nanoworld. The main sections of the book are: (1) Physics of Nanostructures, (2) Chemistry of Nanostructures, (3) Nanotechnology, (4) nanostructure Based Devices. Contents: Physics of Nanostructures: Polarons in Quantum Wells (A I Bibik et al.) Screening of Extra Point Charge in a Few Particle Coulomb System (N A Poklonski et al.) Electric Field Effect on Absorption Spectra of an

2. Record Nr. UNINA9910785131903321

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| Autore | Stiehm Judith Hicks |
| Titolo | U.S. Army War College [[electronic resource] ] : Military Education In A Democracy |
| Pubbl/distr/stampa | Philadelphia, : Temple University Press, 2010 |
| ISBN | 1-282-89618-0<br>9786612896187<br>1-4399-0596-7 |
| Descrizione fisica | 1 online resource (271 p.) |
| Disciplina | 355.0071173<br>355/.0071/173 |
| Soggetti | Army War College (U.S.)<br>Democracy and education - United States<br>Military education - United States<br>Military education -- United States<br>Military education<br>Military & Naval Science<br>Law, Politics & Government<br>Military Science - General |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di contenuto | Contents; Acknowledgments; Introduction; 1. The War Colleges; 2. A History of the Army War College; 3. Army War College Students; 4. Army War College Faculty; 5. The Carlisle Experience; 6. The Cold War Curriculum at the Army War College; 7. The Curriculum in Transition, 1989-90; 8. The Peacetime Curriculum; 9. Army War College Administrators and College Policymakers; Conclusion; Notes; Index |
| Sommario/riassunto | We are all familiar with ROTC, West Point, and other institutions that train young men and women to be military officers. But few people know of the U.S. Army War College, where the Army's elite career officers go for advanced training in strategy, national security policy, and military-government policymaking. This book takes readers inside the U.S. Army War College to learn about the faculty, staff, |

administration, and curriculum.Established in 1901, the school's mission has evolved from teaching the skills of war to training officers to negotiate both the complex world of modern strategy an