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| 1. Record Nr. | UNINA9910710228803321 |
| Autore | Krause R. F., Jr. |
| Titolo | Testing geothermal-well cements : strength measurements following exposures to simulated geothermal fluids // Ralph F. Krause Jr.; Edwin R. Fuller Jr |
| Pubbl/distr/stampa | Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1981 |
| Descrizione fisica | 1 online resource |
| Collana | NBSIR ; ; 80-2099-4 |
| Altri autori (Persone) | FullerEdwin R., Jr KrauseR. F., Jr. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | 1981. Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes. Title from PDF title page. |
| Nota di bibliografia | Includes bibliographical references. |

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| 2. Record Nr. | UNINA9910788744203321 |
| Autore | Garcia-Prada O (Oscar), <1960-> |
| Titolo | Betti numbers of the moduli space of rank 3 parabolic Higgs bundles / / O. Garcia-Prada, P. B. Gothen, V. Munoz |
| Pubbl/distr/stampa | Providence, Rhode Island : , : American Mathematical Society, , 2007 ©2007 |
| ISBN | 1-4704-0483-4 |
| Descrizione fisica | 1 online resource (96 p.) |
| Collana | Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 187, Number 879 |
| Disciplina | 514/.224 |
| Soggetti | Vector bundles Moduli theory |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "Volume 187, Number 879 (end of volume)." |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | <p>""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Parabolic Higgs bundles""; ""1. Definitions and basic facts""; ""2. Deformation theory""; ""3. Parabolic Higgs bundles and gauge theory""; ""Chapter 3. Morse theory on the moduli space""; ""1. The Morse function""; ""2. Fixed points of the S^1 action on the moduli space""; ""3. Morse indices""; ""4. Rank three parabolic Higgs bundles""; ""5. Laumon's Theorem for parabolic Higgs bundles""; ""Chapter 4. Parabolic triples""; ""1. Definitions and basic facts""; ""2. Parabolic Higgs bundles and parabolic triples""; ""3. Extensions and deformations of parabolic triples""; ""Chapter 5. Critical values and flips""; ""1. Critical values""; ""2. Crossing critical values and universal extensions""; ""3. Flips""; ""Chapter 6. Parabolic triples with $r_1 = 2$ and $r_2 = 1$""; ""1. Flips""; ""2. Poincare polynomial of moduli of triples""; ""Chapter 7. Critical submanifolds of type $(1,1,1)$""; ""1. Description of the critical submanifolds""; ""2. The sum for fixed l""; ""3. The sum over l""; ""Chapter 8. Critical submanifolds of type $(1,2)$""; ""1. Description of the critical submanifolds""; ""2. Morse indices""; ""3. Critical submanifolds of type $(1,1,1)$""; ""4. Parabolic triples of fixed determinant""; ""5. Critical submanifolds of type $(1,2)$ and $(2,1)$""; ""6. Critical submanifolds of type (3)""; ""7. Betti</p> |

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| 3. Record Nr. | UNINA9910830791603321 |
| Titolo | Computational methods for protein folding [[electronic resource] /] / edited by Richard A. Friesner |
| Pubbl/distr/stampa | New York, : Wiley, 2002 |
| ISBN | 1-280-36766-0 9786610367665 0-470-34930-1 0-471-46523-2 0-471-22442-1 |
| Descrizione fisica | 1 online resource (546 p.) |
| Collana | Advances in chemical physics ; ; v. 120 |
| Altri autori (Persone) | FriesnerRichard A |
| Disciplina | 541.305 541.08 547.75 |
| Soggetti | Protein folding - Mathematical models Proteins - Conformation - Mathematical models |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di contenuto | COMPUTATIONAL METHODS FOR PROTEIN FOLDING A SPECIAL VOLUME OF ADVANCES IN CHEMICAL PHYSICS VOLUME 120; CONTRIBUTORS TO VOLUME 120; INTRODUCTION; PREFACE; CONTENTS; STATISTICAL ANALYSIS OF PROTEIN FOLDING KINETICS; INSIGHTS INTO SPECIFIC PROBLEMS IN PROTEIN FOLDING USING SIMPLE CONCEPTS; PROTEIN RECOGNITION BY SEQUENCE-TO-STRUCTURE FITNESS: BRIDGING EFFICIENCY AND CAPACITY OF THREADING MODELS; A UNIFIED APPROACH TO THE PREDICTION OF PROTEIN STRUCTURE AND FUNCTION; KNOWLEDGE-BASED PREDICTION OF PROTEIN TERTIARY STRUCTURE AB INITIO PROTEIN STRUCTURE PREDICTION USING A SIZE-DEPENDENT TERTIARY FOLDING POTENTIALDETERMINISTIC GLOBAL OPTIMIZATION AND AB INITIO APPROACHES FOR THE STRUCTURE PREDICTION OF POLYPEPTIDES, DYNAMICS OF PROTEIN FOLDING, AND PROTEIN- |

PROTEIN INTERACTIONS; DETECTING NATIVE PROTEIN FOLDS AMONG
LARGE DECOY SITES WITH THE OPLS ALL-ATOM POTENTIAL AND THE
SURFACE GENERALIZED BORN SOLVENT MODEL; AUTHOR INDEX;
SUBJECT INDEX

Sommario/riassunto

Since the first attempts to model proteins on a computer began almost thirty years ago, our understanding of protein structure and dynamics has dramatically increased. Spectroscopic measurement techniques continue to improve in resolution and sensitivity, allowing a wealth of information to be obtained with regard to the kinetics of protein folding and unfolding, and complementing the detailed structural picture of the folded state. Concurrently, algorithms, software, and computational hardware have progressed to the point where both structural and kinetic problems may be studied with a fair d
