

- | | |
|-------------------------|---|
| 1. Record Nr. | UNIORUON00006567 |
| Autore | DALTON, O. M. |
| Titolo | Byzantine Art and Archaeology / O.M. Dalton |
| Pubbl/distr/stampa | New York, : Dover, 1961 |
| Edizione | [reprint] |
| Descrizione fisica | xix, 727 p. : ill. ; 23 cm |
| Classificazione | VOC IX A |
| Soggetti | Arte Bizantina |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910337659203321 |
| Autore | Vlase Sorin |
| Titolo | Eigenvalue and Eigenvector Problems in Applied Mechanics // by Sorin Vlase, Marin Marin, Andreas Öchsner |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019 |
| ISBN | 3-030-00991-2 |
| Edizione | [1st ed. 2019.] |
| Descrizione fisica | 1 online resource (262 pages) |
| Collana | Advanced Structured Materials, , 1869-8441 ; ; 96 |
| Disciplina | 512.9436 |
| Soggetti | Mechanics, Applied
Solids
Algebras, Linear
Engineering mathematics
Solid Mechanics
Linear Algebra
Engineering Mathematics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

Nota di contenuto

Quadratic Forms -- Rigid Body Dynamics -- Continuum Mechanics. Strain and Stress Tensor -- Modal Analysis -- Stability (Elastic and Dynamic) -- Dynamical Systems.

Sommario/riassunto

This book presents, in a uniform way, several problems in applied mechanics, which are analysed using the matrix theory and the properties of eigenvalues and eigenvectors. It reveals that various problems and studies in mechanical engineering produce certain patterns that can be treated in a similar way. Accordingly, the same mathematical apparatus allows us to study not only mathematical structures such as quadratic forms, but also mechanics problems such as multibody rigid mechanics, continuum mechanics, vibrations, elastic and dynamic stability, and dynamic systems. In addition, the book explores a wealth of engineering applications.
