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| 1. Record Nr. | UNISOBE600200041729 |
| Autore | Gallo, Paolo |
| Titolo | [2:] Arricchimento senza causa e quasi contratti / Paolo Gallo |
| Pubbl/distr/stampa | Torino, : UTET Giuridica, 2008 |
| ISBN | 9788859803447 |
| Edizione | [2.ed] |
| Descrizione fisica | X, 304 p. ; 24 cm |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910768468703321 |
| Autore | Eslami M. Reza |
| Titolo | Buckling and Postbuckling of Beams, Plates, and Shells / / by M. Reza Eslami |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| ISBN | 3-319-62368-0 |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (XVII, 588 p. 249 illus., 29 illus. in color.) |
| Collana | Structural Integrity, , 2522-560X ; ; 1 |
| Disciplina | 624.176 |
| Soggetti | Mechanics
Mechanics, Applied
Building materials
Mechanical engineering
Solid Mechanics
Structural Materials
Mechanical Engineering |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters. |

Nota di contenuto

1 Concept of Stability -- 2 Buckling and Post-buckling of Beams -- 3. Buckling and Post-buckling of Curved Beams and Rings -- 4 Buckling of Rectangular Plates -- 5 Buckling and Post-buckling of Circular/Annular Plates -- 6 Buckling of Circular Cylindrical Shells -- 7 Buckling of Spherical Shells -- 8 Buckling of Conical Shells.

Sommario/riassunto

This book contains eight chapters treating the stability of all major areas of the flexural theory. It covers the stability of structures under mechanical and thermal loads and all areas of structural, loading and material types. The structural element may be assumed to be made of a homogeneous/isotropic material, or of a functionally graded material. Structures may experience the bifurcation phenomenon, or they may follow the postbuckling path. This volume explains all these aspects in detail. The book is self-contained and the necessary mathematical concepts and numerical methods are presented in such a way that the reader may easily follow the topics based on these basic tools. It is intended for people working or interested in areas of structural stability under mechanical and/or thermal loads. Some basic knowledge in classical mechanics and theory of elasticity is required.
