1. Record Nr. UNINA9910672157903321

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| Autore | Rincon Gallardo Gilberto |
| Titolo | Entre el pasado definitivo y el futuro posible : ejercicios de reflexion politica en clave democratica / / Gilberto Rincon Gallardo |
| Pubbl/distr/stampa | Mexico D.F. : , : FCE - Fondo de Cultura Economica, , [2010] |
| ISBN | 607-16-0474-5 |
| Descrizione fisica | 1 online resource (127 paginas sin numerar) |
| Collana | Politica y derecho |
| Disciplina | 320.972 |
| Soggetti | Democracy - Mexico<br>Democracia - Mexico<br>Libros electronicos.<br>Mexico Politics and government Philosophy<br>Mexico Politica y gobierno Filosofia |
| Lingua di pubblicazione | Spagnolo |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Contiene indice. |

2. Record Nr. UNINA9910300416103321

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| Autore | Malthe-Sørenssen Anders |
| Titolo | Elementary Mechanics Using Matlab : A Modern Course Combining Analytical and Numerical Techniques / / by Anders Malthe-Sørenssen |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015 |
| ISBN | 3-319-19587-5 |
| Edizione | [1st ed. 2015.] |
| Descrizione fisica | 1 online resource (XIII, 590 p. 255 illus., 178 illus. in color.) |
| Collana | Undergraduate Lecture Notes in Physics, , 2192-4805 |
| Disciplina | 530.15 |
| Soggetti | Mathematical physics<br>Mechanics<br>Mathematical Methods in Physics<br>Classical Mechanics<br>Theoretical, Mathematical and Computational Physics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di contenuto | Introduction -- Getting started with programming -- Units and measurement -- Motion in one dimension -- Forces in one dimension -- Motion in two and three dimensions -- Forces in two and three dimensions -- Constrained motion -- Forces and constrained motion -- Work -- Energy -- Momentum, impulse, and collisions -- Multiparticle systems -- Rotational motion -- Rotation of rigid bodies -- Dynamics of rigid bodies -- Proofs -- Solutions -- Index. |
| Sommario/riassunto | This book – specifically developed as a novel textbook on elementary classical mechanics – shows how analytical and numerical methods can be seamlessly integrated to solve physics problems. This approach allows students to solve more advanced and applied problems at an earlier stage and equips them to deal with real-world examples well beyond the typical special cases treated in standard textbooks. Another advantage of this approach is that students are brought closer to the way physics is actually discovered and applied, as they are introduced right from the start to a more exploratory way of understanding phenomena and of developing their physical concepts. While not a requirement, it is advantageous for the reader to have some prior |

knowledge of scientific programming with a scripting-type language. This edition of the book uses Matlab, and a chapter devoted to the basics of scientific programming with Matlab is included. A parallel edition using Python instead of Matlab is also available. Last but not least, each chapter is accompanied by an extensive set of course-tested exercises and solutions.