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| 1. Record Nr.           | UNINA990001324260403321  |
| Autore                  | Bucciarelli, Louis L.  |
| Titolo                  | Sophie Germain : An essay in the history of the theory of elasticity / Louis L. Bucciarelli, Nancy Dworsky |
| Pubbl/distr/stampa      | Dordrecht (NL) : Reidel, c1980   |
| ISBN                    | 90-277-1134-8  |
| Descrizione fisica      | XI, 147 p. ; 24 cm   |
| Collana                 | Studies in the History of Modern Science ; 6   |
| Disciplina              | 531.3823   |
| Locazione               | MA1  |
| Collocazione            | 124-D-32   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |

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| 2. Record Nr.           | UNINA9910823119703321  |
| Autore                  | Pryor Roger W  |
| Titolo                  | Multiphysics Modeling Using COMSOL 5 and MATLAB  |
| Pubbl/distr/stampa      | Bloomfield : , : Mercury Learning & Information, , 2022<br>©2022   |
| ISBN                    | 1-68392-587-4  |
| Descrizione fisica      | 1 online resource (648 pages)  |
| Disciplina              | 530.1518   |
| Soggetti                | Engineering - Computer simulation<br>Engineering - Data processing<br>Engineering - Mathematical models<br>Physics - Computer simulation<br>Physics - Data processing<br>Physics - Mathematical models<br>Technology & Engineering / Electrical  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Frontmatter -- Contents -- Preface -- Introduction -- Chapter 1: Modeling Methodology Using COMSOL Multiphysics 5.x -- Chapter 2: Materials Properties Using COMSOL Multiphysics 5.x -- Chapter 3: 0D Electrical Circuit Interface Modeling Using COMSOL Multiphysics 5.x -- Chapter 4: 1D Modeling Using COMSOL Multiphysics 5.x -- Chapter 5: 2D Modeling Using COMSOL Multiphysics 5.x -- Chapter 6: 2D Axisymmetric Modeling Using COMSOL Multiphysics 5.x -- Chapter 7: 2D Simple and Advanced Mixed Mode Modeling Using COMSOL Multiphysics 5.x -- Chapter 8: 2D Complex Mixed Mode Modeling Using COMSOL Multiphysics 5.x -- Chapter 9: 3D Modeling Using COMSOL Multiphysics 5.x -- Chapter 10: Perfectly Matched Layer Models Using COMSOL Multiphysics 5.x -- Chapter 11: Bioheat Models Using COMSOL Multiphysics 5.x -- Appendix: A Brief Introduction to LiveLink™ for MATLAB® Using COMSOL Multiphysics 5.x -- Index |
| Sommario/riassunto      | COMSOL 5 and MATLAB are valuable software modeling tools for engineers and scientists. This updated edition includes five new models   |

and explores a wide range of models in coordinate systems from 0D to 3D, introducing the numerical analysis techniques employed in COMSOL 5.6 and MATLAB software. The text presents electromagnetic, electronic, optical, thermal physics, and biomedical models as examples. It presents the fundamental concepts in the models and the step-by-step instructions needed to build each model. The companion files include all the built models for each step-by-step example presented in the text and the related animations, as specified. The book is designed to introduce modeling to an experienced engineer or can also be used for upper level undergraduate or graduate courses.

**FEATURES:** Focuses on COMSOL 5.x and MATLAB models that demonstrate the use of concepts for later application in engineering, science, medicine, and biophysics for the development of devices and systems  
Includes companion files with executable copies of each model and related animations  
Includes detailed discussions of possible modeling errors and results  
Uses a step-by-step modeling methodology linked to the Fundamental Laws of Physics. The companion files are also available online by emailing the publisher with proof of purchase at [info@merclearning.com](mailto:info@merclearning.com).

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| 3. Record Nr.           | UNINA9910915692303321  |
| Autore                  | Tort Patrick   |
| Titolo                  | L' Autobiographie de Charles Darwin 1809-1882 : Retabliant les Passages Supprimés de la Publication Originale. Edition, Comprenant Annexes et Notes, Par Sa Petite-Fille NORA BARLOW [Londres, Collins, 1958]. Traduction Nouvelle. Précédée de Patrick Tort Darwin Ou la Confiance Restituée  |
| Pubbl/distr/stampa      | Paris : , : Honoré Champion, , 2022<br>©2022   |
| ISBN                    | 2-38096-055-0  |
| Edizione                | [1st ed.]  |
| Descrizione fisica      | 1 online resource (297 pages)  |
| Collana                 | Champion Classiques Essais ; ; v.34  |
| Altri autori (Persone)  | GodetAurelie<br>PrumMichel   |
| Soggetti                | Autobiographies<br>Naturalists   |
| Lingua di pubblicazione | Francese   |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Préface de Patrick Tort -- L'AUTOBIOGRAPHIE DE CHARLES DARWIN 1809-1882 -- PRÉFACE DE NORA BARLOW -- Sommaire de l'édition de Nora Barlow -- Liste des planches -- Arbre généalogique de Darwin -- INTRODUCTION DE NORA BARLOW -- AUTOBIOGRAPHIE -- Table des matières de Charles Darwin -- TEXTE DE DARWIN -- De ma naissance à mon départ pour Cambridge -- Vie à Cambridge -- Voyage du « Beagle » -- De mon retour en Angleterre, à mon mariage -- De mon mariage et de notre résidence à Londres à notre installation à Down -- Résidence à Down -- Comment sont nés plusieurs de mes livres -- Une évaluation de mes capacités mentales -- Annexes -- Sur Charles Darwin et son grand-père, le Dr Erasmus Darwin -- La controverse Darwin-Butler -- Notes -- Lettre inédite du Dr Erasmus Darwin à son fils Robert -- Comment furent surmontées les objections du Dr Robert Darwin au Voyage -- Les notes au crayon de 1837-1838 : telle est la question -- Écrits de Mme Darwin sur la religion -- Sur la mauvaise santé de Charles Darwin -- Références (pages et lignes) des passages |

**Sommario/riassunto**

This book presents a restored version of Charles Darwin's autobiography, originally written between 1876 and 1881, with previously omitted sections reinstated. Edited by his granddaughter Nora Barlow in 1958, the text provides a candid insight into Darwin's personal thoughts, philosophies, and the development of his scientific theories. The autobiography reveals Darwin's reflections on his family, his influential reading of Malthus, his opposition to Christian theology, and his views on Victorian scientific society. Intended as a private document for his descendants, it offers an intimate portrait of Darwin's intellectual journey and emotional life. The edition includes detailed annotations to provide historical context.

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