

| | |
|-------------------------|--|
| 1. Record Nr. | UNISA996383052603316 |
| Autore | Heydon J (John) |
| Titolo | Mans badnes & Gods goodnes, or, Some Gospel truths laid down, explained, and vindicated [[electronic resource]] : for the benefit of such as are weary of their own heart, conscience, minde, will, affections, thoughts, words, & works that are all corrupt, impure & imperfect ... // by John Heydon |
| Pubbl/distr/stampa | London, : Printed by M. Symmons, 1647 |
| Edizione | [The third impression, amended, enlarged, and licensed by John Downeham ...] |
| Descrizione fisica | [6], 183, [40] p |
| Altri autori (Persone) | HeydonJ (John) |
| Soggetti | Catechisms, English God - Goodness |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "The discovery of the wonderfull preservation of His Excellencie Sir Thomas Fairfax" has special t.p. and separate pagination. Reproduction of original in the British Library. |
| Sommario/riassunto | eebo-0018 |

| | |
|-------------------------|--|
| 2. Record Nr. | UNINA9910728389303321 |
| Autore | Macchi Andrea |
| Titolo | Problems in Classical Electromagnetism : 203 Exercises with Solutions / / by Andrea Macchi, Giovanni Moruzzi, Francesco Pegoraro |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023 |
| ISBN | 3-031-22235-0 |
| Edizione | [2nd ed. 2023.] |
| Descrizione fisica | 1 online resource (587 pages) |
| Disciplina | 537.076 |
| Soggetti | Electrodynamics Atoms Molecules Telecommunication Mathematical physics Classical Electrodynamics Atomic, Molecular and Chemical Physics Microwaves, RF Engineering and Optical Communications Mathematical Physics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | 1 Basics of Electrostatics -- 2 Electrostatics of Conductors -- 3 Electrostatics of Dielectric Media -- 4 Electric Currents -- 5 Magnetostatics -- 6 Magnetic Induction -- 7 Electromagnetic Oscillators and Wave Propagation -- 8 Maxwell Equations and Conservation Laws -- 9 Relativistic Transformations of the Fields -- 10 Radiation Emission and Scattering -- 11 Electromagnetic Waves in Matter -- 12 Transmission Lines, Waveguides -- Resonant Cavities -- 13 Additional Problems. |
| Sommario/riassunto | This second edition adds 46 new problems, for a total of 203. The solutions to certain "old" problems have been revised for improved clarity, in response to questions and comments from our students (second-year students in the Master's in Physics program). Each problem is given a title indicating its relation to the various areas of physics or technology. By tackling the problems presented here, |

students are gently introduced to advanced topics such as unipolar and homopolar motors, magnetic monopoles, radiation pressure, angular momentum of light, bulk and surface plasmons, and radiation friction. We also address a number of tricky concepts and apparent ambiguities and paradoxes encountered in the classical theory of electromagnetism, with a particular focus on conservation laws and transformation properties between different frames of reference. At the same time, the book can be used as an introduction to applications of classical electromagnetism including cutting-edge topics like plasmonics, metamaterials, and light-driven propulsion. While unnecessary mathematical complexity is avoided, the new edition also provides a few introductory examples concerning elegant and powerful solution techniques. Hopefully the second edition offers an even better teaching tool for undergraduates in physics, mathematics, and electric engineering, and a valuable reference guide for students planning to work in optics, material science, electronics, and plasma physics.
