1. Record Nr. UNISA996393911803316

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| Autore | Essex Robert Devereux, Earl of, <1591-1646.> |
| Titolo | The copy of a letter sent from Robert, Earle of Essex, to Mr. Pym, a member of the House of Commons [[electronic resource] ] : also another letter from S. Edw. Nicholas, His Maiesties secretary to Sir William Boswell His Majesties resident with the states of Holland |
| Pubbl/distr/stampa | .. London, : Printed for Iohn Wright, Sept. 22, 1642 |
| Descrizione fisica | [8] p |
| Altri autori (Persone) | NicholasEdward, Sir, <1593-1669.> |
| Soggetti | Great Britain History Charles I, 1625-1649 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Woodcut portrait on t.p.<br>Reproduction of original in Thomason Collection, British Library. |
| Sommario/riassunto | eebo-0158 |

2. Record Nr. UNINA9910627230703321

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| Autore | Walecka John Dirk |
| Titolo | Electron Scattering for Nuclear and Nucleon Structure / / John Dirk Walecka |
| Pubbl/distr/stampa | Cambridge, England : , : Cambridge University Press, , 2002 |
| Descrizione fisica | 1 online resource (363 pages) |
| Disciplina | 539.7 |
| Soggetti | Nuclear physics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Part I. Introduction: 1. Motivation; 2. Pictures of the nucleus; 3. Some optics; 4. Why electron scattering?; 5. Target response surfaces; 6. Why coincidence experiments?; 7. Units and conventions; Part II. General Analysis: 8. Electromagnetic interactions; 9. Multipole analysis; 10. Dirac equation; 11. Covariant analysis; 12. Excitation of discrete states in (e, e*); 13. Coincidence experiments (e, e* X); 14. Deep inelastic scattering from the nucleon; 15. Polarization in deep inelastic scattering; 16. Parity violation in inclusive electron scattering; Part III. Quantum Electrodynamics: 17. Basic elements; 18. Radiative corrections; Part IV. Selected Examples: 19. Basic nuclear structure; 20. Some applications; 21. A relativistic model of the nucleus; 22. Elastic scattering; 23. Quasielastic scattering; 24. The quark model; 25. Quantum chromodynamics; 26. The standard model; 27. Parity violation; 28. Excitation of nucleon resonances; Part V. Future Directions: 29. TJNAF(CEBAF); 30. Other facilities; 31. Future directions; Appendixes. |
| Sommario/riassunto | The scattering of high-energy electrons from nuclear and nucleon targets provides a microscope for examining the structure of these tiny objects. The best evidence we have on what nuclei and nucleons actually look like comes from electron scattering. This 2001 book examines the motivation for electron scattering and develops the theoretical analysis of the process. It discusses our theoretical understanding of the underlying structure of nuclei and nucleons at appropriate levels of resolution and sophistication, and summarizes |

experimental electron scattering capabilities. Only a working knowledge of quantum mechanics and special relativity is assumed, making this a suitable textbook for graduate and advanced undergraduate courses. It will also provide a valuable summary and reference for researchers already working in electron scattering and other areas of nuclear and particle physics. This text has been reissued as an Open Access publication.