1. Record Nr. UNINA9910616391403321 Autore Yaghjian Arthur D. Titolo Relativistic dynamics of a charged sphere: updating the Lorentz-Abraham model / / Arthur D. Yaghjian Pubbl/distr/stampa Cham, Switzerland: ,: Springer, , [2022] ©2022 **ISBN** 9783031060670 9783031060663 Edizione [3rd ed.] Descrizione fisica 1 online resource (211 pages) Disciplina 530.141 Soggetti Lorentz transformations Relativistic fluid dynamics Electromagnetic theory Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Intro -- Foreword -- Preface to the Third Edition -- Preface to the Second Edition -- Preface to the First Edition -- Contents -- 1 Introduction and Summary of Results -- 2 Lorentz-Abraham Force and Power Equations -- 2.1 Force Equation of Motion -- 2.2 Power Equation of Motion -- 3 Derivation of Force and Power Equations -- 3.1 General

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