1. Record Nr. UNINA9910963660603321

Titolo	In quest of the historical Pharisees / / edited by Jacob Neusner and Bruce D. Chilton
Pubbl/distr/stampa	Waco, Tex., : Baylor University Press, c2007
ISBN	9786610839698 9781280839696 1280839694 9781602580299 1602580294
Descrizione fisica	1 online resource (524 p.)
Altri autori (Persone)	NeusnerJacob <1932-> ChiltonBruce
Disciplina	296.8/12
Soggetti	Pharisees Judaism - History Rabbinical literature - History and criticism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 481-509).
Nota di contenuto	First-century accounts -- The Pharisees in rabbinic Judaism -- The Pharisees in modern theology -- Conclusion.
Sommario/riassunto	This work sketches the many portraits of the Pharisees that emerge from ancient sources. Based upon the Gospels, the writings of Paul, Josephus, the Mishnah, the Tosefta, and archeology, the volume profiles the Pharisees and explores the relationship between the Pharisees and the Judaic religious system foreshadowed by the library of Qumran. A great virtue of this study is that no attempt is made to homogenize the distinct pictures or reconstruct a singular account of the Pharisees; instead, by carefully considering the sources, the chapters allow different pictures of the Pharisees to stand side by side.

2.

Record Nr.	UNINA9910964767903321
Autore	Wang J. G (Jian Guang)
Titolo	Magnetic fringe fields and interference in high intensity accelerators / / J.G. Wang
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, c2010
ISBN	1-61470-201-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (210 p.)
Disciplina	539.7/3
Soggetti	Neutrons - Scattering Spallation (Nuclear physics) Proton accelerators
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""MAGNETIC FRINGE FIELDS AND INTERFERENCE IN HIGH INTENSITY ACCELERATORS""; ""MAGNETIC FRINGE FIELDS AND INTERFERENCE IN HIGH INTENSITY ACCELERATORS ""; ""CONTENTS ""; ""PREFACE ""; ""INTRODUCTION""; ""1.1. BACKGROUND ""; ""1.2. RESEARCH ISSUES ""; ""1.3. SYNOPSIS ""; ""REFERENCES ""; ""FUNDAMENTALS OF ACCELERATOR MAGNETS""; ""2.1. MAGNETOSTATIC FIELDS ""; ""2.2. TWO-DIMENSIONAL FIELDS ""; ""2.3. PARTICLE MOTION ""; ""2.4. DIPOLE MAGNETS""; ""2.5. QUADRUPOLE MAGNETS""; ""2.6. MAGNET MEASUREMENTS""; ""REFERENCES ""; ""MAGNET MODELING""; ""3.1. OVERVIEW OF SIMULATION CODES"" ""3.2. OPERA/TOSCA """"3.3. A MODELING EXAMPLE ""; ""REFERENCES ""; ""THREE-DIMENSIONAL FIELD MULTIPOLE EXPANSION ""; ""4.1. REVIEW OF THEORY ""; ""4.2. EXPANSION TECHNIQUES""; ""4.3. ON-AXIS GRADIENTS ""; ""4.4. A 5TH-ORDER REPRESENTATION ""; ""4.5. HIGHER-ORDER EFFECTS ""; ""REFERENCES ""; ""PARTICLE OPTICS IN A SINGLE QUAD ""; ""5.1. SIMULATION MODEL OF 30Q58 AND FIELD DISTRIBUTIONS ""; ""5.2 PARTICLE TRAJECTORIES AND TRANSFER MATRICES ""; ""5.3.THREE-DIMENSIONAL MULIPOLE EXPANSION AND LINEARFOCUSING FUNCTION""; ""5.4. FORM FACTOR THEORY ON MAGNETIC FRINGE FIELDS "" ""5.5. LINEAR TRANSFER MATRICES FROM THE TRAJECTORY EQUATIONS""""5.6. LENS PARAMETERS AND HARD EDGE MODELS "";

""5.7. THIRD-ORDER ABERRATIONS""; ""5.8. PARTICLE OPTICS IN 30Q44 ""; ""REFERENCES ""; ""MAGNETIC INTERFERENCE BETWEEN TWO MAGNETS ""; ""6.1. CHANGE IN LINEAR FOCUSING FUNCTION ""; ""6.2. MAGNETIC INTERFERENCE AS A FIRST-ORDER PERTURBATION""; ""6.3. HARD EDGE MODELS FOR A PERTURBED QUAD""; ""REFERENCES""; ""PARTICLE OPTICS IN A QUAD DOUBLET ASSEMBLY""; ""7.1. TWO-DIMENSIONAL FIELD PARAMETERS ""; ""7.2. MAGNETIC FRINGE AND INTERFERENCE ""
""7.3. LINEAR TRANSFER MATRICES AND HARD EDGE MODELS """"7.4. THIRD-ORDER ABERRATIONS ""; ""7.5. VERIFICATION OF PARTICLE TRAJECTORIES ""; ""REFERENCES""; ""PARTICLE TRACKING IN BEAM LINES ""; ""8.1. SNS RING INJECTION AND WASTE BEAM LOSSES ""; ""8.2. INJECTION CONSTRAINTS""; ""8.2.1. Closed Orbit Bump and Good Injection ""; ""8.2.2. Transport of Waste Beams Through IDSM ""; ""8.3. THREE-DIMENSIONAL MODELING OF INJECTION WASTE BEAM DUMP LINE ""; ""8.3.1. Simulation Models ""; ""8.3.2. Magnets and Fields on Beam Line ""; ""8.3.3. Initial Conditions of Test Particles ""
""8.4. THREE-DIMENSIONAL PARTICLE TRAJECTORIES THROUGH IDSM """"8.5. PARTICLE OPTICS THROUGH QUADRUPOLE MAGNET TO DUMP ""; ""8.6. REMEDIES ""; ""8.6.1. Ha??-Proton Particle Losses in the Y-Direction in IDSM ""; ""8.6.2. H0-Proton Particle Losses in the X-Direction in IDSM ""; ""8.6.3. Modification of a Spare IDSM ""; ""8.6.4. Waste Beam Losses Downstream after Quadrupole Magnet ""; ""8.7. EXPERIMENTAL VERIFICATIONS ""; ""REFERENCES""; ""SNS RING EXTRACTION LAMBERTSON SEPTUM MAGNET ""; ""9.1. BEAM PROFILE DISTORTION DUE TO STRONG SKEW QUAD TERM IN ELS ""
""9.2. THREE-DIMENSIONAL SIMULATION MODEL""

Sommario/riassunto

This monograph has evolved from the author's research work on the Spallation Neutron Source (SNS) at Oak Ridge National Laboratory (ORNL). The SNS is the world's most powerful accelerator-driven, short-pulse neutron scattering facility for scientific research and industrial development. It consists of a powerful proton accelerator, a liquid mercury target, and neutron scattering instruments. The SNS currently holds the world record for proton beam power for spallation sources, 860 kW, and is expected to achieve the design power of 1.4 MW by the summer of 2010. The SNS accelerator complex consists of a 2.5 MeV H beam injector that includes a high-brightness H ion source and a radio frequency quadrupole, a high-power linear accelerator (linac) of up to 1 GeV energy with a pulse length of 1 ms at 60 Hz, and an accumulator ring to compress the long linac pulses into short ones of about 700 ns with 1.5E14 protons per pulse.