

Boris A. Jacobsohn papers

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Uhlenbeck - Notes on course and seminar, Summer 1955

Time Reversal Invariance - galley proofs

Manuscript and some notes on Time Reversal Invariance
(Henley and Jacobsohn)

Time Reversal Invariance - and angular correlations

Time Reversal Invariance

Alpha decay amplitudes and phases (submitted to Paris Congress
1958)

Alpha decay - miscellaneous calculations

The alpha decay problem - miscellaneous data, May 1957

Calculations on deformed nuclei

Nuclear fine structure in mu-mesic atom

Box 3

Fine structure - mu-mesic atom, calculations

$0^{14} - 0^{14}$ difference due to Coulomb Forces $A=14$ wave functions

Charge independence in nucleon scattering. BAJ in Letter
to Phys. Rev.

Ortho and para tritium

Connections between rearrangements of $\Psi\Psi$ etc.

Miscellaneous notes on symmetrixis

Alpha decay; L. Miller thesis

Chew-Low theory

Old attempts at meson-nucleon scattering

Miscellaneous on intermediate coupling

Meson calculations - some final numbers (Harlow-Jacobsohn)

Nucleon isobars - calculations, manuscripts

Box 4

Isobar problem

Harlow: Isobar calculations

Chang - Jacobsohn: Effect of $\int d^2\rho ndT$ term (repulsive)

Chang: thesis (1954)

Isobars - classical mesons

Classical pseudoscalar mesons - field equations

1953 - Chang and BAJ: Equiv. references for Pseudoscalar meson theory

χ_5 - mesons

Meson calculations, 1951 April

Non-linear fields

Electrons in plane wave field

Nuclear induction and δ - δ correlation

Angular correlations in P.F. magnetic field

Dwarfs

Dwarfs

White dwarfs: calculations

Box 5

Effective radius of rotating stars from linear measurements

Rigid bodies and fluid flow in classical special relativity

Breakdown in high-pressure sparks

Nuclear Induction - Miscellaneous

BAJ - declassified part of thesis

Uniform E & H in lattice

$S \leq 0$ meson decays

Nucleon isobars in intermediate coupling

Faculty Affairs Committee, 1965

Graduate Faculty Group III. Operating Committee

Northwest Conference on College Physics

Miscellaneous Research Notes

Box 6

Current

Fermi-Thomas with exchange

Problem 2 & 3, Physics 238

Theory of Positrons

Miscellaneous examinations - graduate courses, Columbia,
Chicago, Stanford

Graduate course exams - U. of W.

Electrical engineering - Stanford

Basic physics of experimental nuclear transformations

Physics final examination - Stanford

Lecture notes - July and August

Lecture notes

Physics 243 - lecture notes

Junk₁ sic₁

Physics 570

Unfoldered - problems for physics

Unfoldered - Thomas Fermi theory

The Physical Review

Kreuzer

Precision tests of T variance in electromagnetic transitions

Green's function

Kerson Huang - Quantized vortex rings in liquid He

Time reversal

Box 7

Incoming correspondence - Columbia University

Aspen samples

Rotational angular momentum notes and miscellaneous atoms

Figures

The fluctuation compressibility theorem

APS - August 1962

Super conductors in B fields

Physics 525, 1961

Physics 329, Course notes

Rotation and "On the stability of spheres"

Theoretical physics, 1962

α - decay

Electric dipole moment-electron (?)

Complex and direct interactions

Scattering of neutrons by electrons

Hartree Fock at finite temperatures

Notebook for Institut for Theoretische Physik

Talburter Fall (?)

f-nos. rules

Box 8

Magnetic dipole - f-nos.

Terminal lines for transitions

Notes on final thesis draft

Relativistic bound-bound f-nos. July 1946

Absorption coefficients - Menzol and Pekeris

Electron ions

Numerical work - Isobar problem

Many-body problem

On a variance problem in the many body problem

A careful low temp. treatment of variation principle

$J > 0$ Anti-ferromagnets; $J < 0$ ferromagnets

Calculation done at CERN

Mdev (?)

Mr. Moliere

Lee Model for Compound Nucleus

Box 9

Metal foils

Relativistic tables

Collisions - classical

Possible research ideas

Notes on Paper O-I, oIa (?)

Outline of thesis

Convexity of free energy

Tests of K^- - Baryon relative parities

Elliott leader

Notes on various many body problem papers

Electrons

A test for K^- Hyperon relative parity

Seminars

Quantum electrodynamics with (?) term

Notes on stellar interiors

Currents in a hollow cylinder

Charts M/sum

Miscellaneous notes on many-body problems

Many-body problems: calculations

Sum formula

Nordeska Sommarskolan I

Coupled channel Effective range theory

$K^0 \rightarrow 2\pi$ in B field

Physics 371, Winter 1965

Quantum mechanics, 517-518, 1962-1963

Box 17

Physics 519, Spring 1966

Physics 518, Winter 1964

Unidentified lecture notes

Unidentified lecture notes, Summer 1962

Unidentified lecture notes

Weak interaction conference, Sept. 9-11, 1963

Unidentified lecture notes