Rubin H. Landau Papers, 1966-2008
Preliminary Container List

Box 1
Article Reprints and Conference Papers, 1971-2008 (in 8 file folders and two bound volumes)
Abstracts for Conference papers and Articles, 1982-1994
Biographical Materials and Doctoral Paperwork, 1968-1974

Boxes 1-2
Books:

Box 1
*Computational Physics: Problem Solving with Computers*, 2004; 2007 (first and revised Editions)
*Computational Physics*, 2001 (Japanese language version; 2 volumes)

Box 2
*Quantum Mechanics II: A Second Course in Quantum Theory*, 2004
*A Scientist’s and Engineer’s Guide to Workstations and Supercomputers*, 1993
*A Survey of Computational Physics*, 2008

Boxes 2-3
Correspondence

Box 2
General, 1973-1983

Box 3
General, 1984-2001
Job Searches, 1981-1984
OSU Computing, 1984 (Task Force on Large-Scale Computing)
OSU Physics Department, 1974
Sabbatical at IBM, 1988-1989

Box 3
Student Assessments of Teaching, 1991-1996
**Boxes 3-5**
Presentations and Talks

**Boxes 5-8**
Grant Proposals

**Boxes 8-10**
Course Materials/Notebooks

*Box 8*
Physics 201-203 (General Physics)
Physics 211-212 (General Physics)

*Box 9*
Physics 214/314 (Modern Physics)
Physics 463/563 (Methods in Mathematical Physics)
Physics 515 (Relativity)
Physics 521-522 (Dynamics)
Physics 567-569 (Advanced Quantum Theory)

*Box 10*
Physics 567-569 (Advanced Quantum Theory)
Physics 621 (Classical Dynamics)

**Boxes 10-13**
Reference Materials/Paper Preparation

**Boxes 14-18**
Research Notebooks

*Box 14*
Landau’s Doctoral and Pre-Thesis Research - (Subjects include: Meson-Deuteron Scattering; Glauber Scattering Theory; Coulomb and Nuclear Interference in Scattering; Regge Pole Research; Coulomb Wave Functions; Independent Particle Shell Model; Coulomb Energies in Nuclei)

*Box 15*
Kaon-Proton Interactions
Quarks
Relativistic Heavy Ion Scattering
Wave Packet Collision as Computed by Solving the Schroedinger Equation
Calculation of Pion-Nucleon Interaction in the Chiral Color Dieletric Quark Model
Box 16
Proton Scattering

Box 17
Pion-Nucleus Scattering

Box 18
Pion-Nucleus Scattering
Anti Proton-Proton Interactions via Graz Potential
Pion Heavy Nucleus in Bound States

Compact Discs (cds)

Boxes 18-20
Computer Codes