

# Zallen, Richard, Dr., Papers

Dr. Richard Zallen Papers

1940-2007



## Title Statement

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## Descriptive Summary

### Unit ID

Ms.2008.069

### Unit Date

1940-2007

### Language

The materials in the collection are in English.

### Abstract

The Dr. Richard Zallen Papers document the research and professional development of a physics professor at Virginia Tech specializing in condensed matter research. Papers largely cover the second half of the twentieth century and include information on research at Xerox; professional correspondence; Virginia Tech lecture notes; drafts of published work; and documents concerning trips, sabbaticals, and conferences. Materials include hand-written documents, published material, flat plate drawings, photographs, a sample of "melt-spun amorphous," and stamps from various countries.

### Creator

Zallen, Richard, b.1937

### Extent

17.4 Cubic Feet 36 boxes

## Repository

Special Collections and University Archives, Virginia Tech

# Administrative Information

## Conditions Governing Access

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## Source of Acquisition

The Dr. Richard Zallen Papers were donated to Special Collections and University Archives in 2007.

## Processing Information

The processing, arrangement and description of the Dr. Richard Zallen Papers commenced in August 2008 and was completed in October 2008.

## Preferred Citation

Researchers wishing to cite this collection should include the following information: [identification of item], [box], [folder], Dr. Richard Zallen Papers, Ms2008-069, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

# Biographical Note

Richard Henry Zallen was born in New York City in 1937. After receiving his bachelors of science in physics from Rensselaer Polytechnic Institute in 1957, Zallen continued his education at Harvard University- eventually receiving his Ph.D. in Applied Physics in 1964. From 1966 to 1983, Dr. Zallen worked at the Xerox Research Laboratories in Rochester, New York. While working at Xerox, he was part of a team that patented Spin Coated Photoconductor Films.

After his research at Xerox, Dr. Zallen served as a professor of physics at Virginia Tech. In 1976 Dr. Zallen became a fellow of the American Physical Society. During his sabbaticals, Dr. Zallen held several visiting appointments. From 1971 to 1972 he acted as the visiting associate professor of physics at the Technion, The Israel Institute of Technology, in Haifa; in the summer of 1979 he was the visiting professor at the Université de Paris VI; from 1990 to 1991 he was the SERC senior research fellow at Imperial College in London; and in 1998 he served as the visiting professor at Imperial College in London.

Dr. Zallen's primary research interest lies in experimental studies of the optical properties of solids. In pursuance of his interests, Dr. Zallen has published more than one hundred articles and a widely cited book, *The Physics of Amorphous Solids*.

In 2006, the Virginia Tech Board of Visitors honored Dr. Zallen with the title "professor emeritus."

# Scope and Contents

The Dr. Richard Zallen Papers document the research and professional development of a physics professor at Virginia Tech, specializing in condensed matter research, largely during the second half of the twentieth century. The papers include information concerning Zallen's study at Harvard and his work at Xerox; research notes; professional correspondence; Virginia Tech lectures; drafts of published works; and materials concerning trips, sabbaticals, and conferences. The corporate and governmental institutions with which Zallen worked include: the Office of Naval Research, Raytheon Manufacturing Company, Texas Instruments, and IBM. Examples of mentioned geographical locations are Israel, Belgium, China, England, France, Canada, Italy, and a host of cities in the United States. Materials include hand-written documents, published material, flat plate drawings, photographs, a sample of "melt-spun amorphous," and stamps from various countries. Explanatory notes made by Zallen in 2006 annotate many documents. Some significant documents include supporting patent materials for Spin Coated Photoconductor Films, letters concerning the protest by industrial scientists at Xerox over the escalation of the war in Indo-China, and copies of APS Solid State Correspondence discussing the formation of Solid-State Physics.

(**Please note:** Many of the folders in this collection contain two sets of dates. Dates within parentheses designate the date originally provided by the creator and usually indicate when an event/research occurred. Dates outside of parentheses indicate the chronological range of materials found within the collection. )

## Related Material

Also available from VT Special Collections and University Archives and Newman Library is a book by Dr. Richard Zallen: *The Physics of Amorphous Solids*. New York: Wiley, c1983. Call number: QC176.8.A44 Z34 1983. Request via the library catalog online.

## Keywords

Faculty and staff

Physicists

Physics

Science and Technology

University History

Students and alumni

Virginia Polytechnic Institute (1944-1970)

Virginia Polytechnic Institute and State University (1970-)

Virginia Polytechnic Institute and State University. College of Arts and Sciences (1970-2003)

Virginia Polytechnic Institute and State University. College of Science (2003-)

Virginia Polytechnic Institute and State University. Physics Department

## Rights Statement for Archival Description

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## Arrangement

The collection maintains original order. Papers are organized by topic and generally appear in reverse chronological order. Correspondence appears alphabetically.

## Description of Subordinate Components

### Series I: Xerox

#### **Xerox PhD Recruiting (2 folders)**

**Unit Date** 1982-1983

**box-folder** 1 (box)

**Container** 1-2 (folder)

#### **Xerox to VT: Ritsko Electron Apparatus Eels (Summer 1985)**

**Unit Date** 1983-1990

**box-folder** 1 (box)

**Container** 3 (folder)

#### **Xerox to VT: Opt. Spectrometer**

**Unit Date** Fall 1983

**box-folder** 1 (box)

**Container** 4 (folder)

#### **Speakers Hosted at Xerox [mostly]**

**Unit Date** 1970-1989

**box-folder** 1 (box)

**Container** 5 (folder)

**Diamond-Anvil Cell (Xerox)**

**Unit Date** 1973-1980

**box-folder** 1 (box)

**Container** 6 (folder)

**Staff Presentation (Xerox)**

**Unit Date** 1981-12

**box-folder** 1 (box)

**Container** 7 (folder)

**Staff Presentation / Project Review**

**Unit Date** 1981-12-14

**box-folder** 1 (box)

**Container** 8 (folder)

**Patent for Spin Coated Photoconductor Films**

**Unit Date** 1977-1989

**box-folder** 1 (box)

**Container** 9 (folder)

**Xerox Advisers' Reports: Bardeen, Tribus, Scheraga**

**Unit Date** 1979

**box-folder** 1 (box)

**Container** 10 (folder)

**Xerox Research Plans**

**Unit Date** 1968-1982

**box-folder** 1 (box)

**Container** 11 (folder)

**Xerox Monthly Highlights and Quarterly Reports**

**Unit Date** 1976-1983

**box-folder** 1 (box)

**Container** 12 (folder)

**Xerox R & D Book**

**Unit Date** 1976

**box-folder** 1 (box)

**Container** 13 (folder)

**Xerox Capital Equipment**

**Unit Date** 1973-1975

**box-folder** 1 (box)

**Container** 14 (folder)

**Xerox Trip Reports (2 folders)****Unit Date** 1966-1982**box-folder** 1 (box)**Container** 15 (folder)**box-folder** 2 (box)**Container** 1 (folder)**Xerox Lab and Office Layout****Unit Date** 1965, 1983**box-folder** 2 (box)**Container** 2 (folder)**Xerox Research Labs, plus...(2 folders)****Unit Date** 1965-2002**box-folder** 2 (box)**Container** 3-4 (folder)**APS Fellow****Unit Date** 1976**box-folder** 2 (box)**Container** 5 (folder)**Essay on Electrostatics in Xerography****Unit Date** 1974-1975**box-folder** 2 (box)**Container** 6 (folder)**Computation Notebook 2/4****Unit Date** 1969-1997**box-folder** 2 (box)**Container** 7 (folder)**Computation Notebook 3****Unit Date** 1975-1984**box-folder** 2 (box)**Container** 8 (folder)**Computation Notebook 1****Unit Date** 1966-1969**box-folder** 2 (box)**Container** 9 (folder)**Perkin Elmer 16 U / Lab Setup at Xerox****Unit Date** 1965-1966**box-folder** 2 (box)**Container** 10 (folder)**Xerox****Unit Date** 1964-1965**box-folder** 2 (box)

**Container** 11 (frame)

## **Series II: Harvard Years**

### **Effect of Pressure of R (h 2) of Ag and Cu**

**Unit Date** 1964-1965

**box-folder** 3 (box)

**Container** 1 (folder)

### **The Effect of Pressure on Optical Properties of Semiconductors**

**Unit Date** 1964

**box-folder** 3 (box)

**Container** 2 (folder)

### **Thesis**

**Unit Date** 1964

**box-folder** 3 (box)

**Container** 3 (folder)

### **MacLeod on Beeswax, Optical Sample Preparation**

**Unit Date** 1966

**box-folder** 3 (box)

**Container** 4 (folder)

### **Reflectivity of Ge, InAs, GaSb**

**Unit Date** 1962-1965

**box-folder** 3 (box)

**Container** 5 (folder)

### **Reflectivity of Silicon vs. Hydrostatic Pressure**

**Unit Date** 1962-1963

**box-folder** 3 (box)

**Container** 6 (folder)

### **GaP paper**

**Unit Date** 1963-1964

**box-folder** 3 (box)

**Container** 7 (folder)

### **RZ thesis notes with comment / WP Comments**

**Unit Date** 1963-1964

**box-folder** 3 (box)

**Container** 8 (folder)

### **Calculations for GaP Absorption Edge under Pressure**

**Unit Date** 1963-1964

**box-folder** 3 (box)

**Container** 9 (folder)

### **GaP Data**

**Unit Date** 1961-1963

**box-folder** 3 (box)  
**Container** 10 (folder)

**Stimulated Emission in Gallium Arsenide (2 folders)**

**Unit Date** 1962-1963  
**box-folder** 3 (box)  
**Container** 11-12 (folder)

**Notes on Optical Properties of Solids**

**Unit Date** 1962-1963  
**box-folder** 3 (box)  
**Container** 13 (folder)

**Scope and Contents note**

Includes notes on the quantum theory of radiation and absorption edges and a photo from the Technion.

**Harvard Work on Absorption Edges**

**Unit Date** 1961  
**box-folder** 3 (box)  
**Container** 14 (folder)

**Harvard University Laboratory Notebook Physics 1, Section 6**

**Unit Date** 1965  
**box-folder** 3 (box)  
**Container** 15 (folder)

**Gordon McKay Laboratory Staff Directory**

**Unit Date** 1964-11-17  
**box-folder** 3 (box)  
**Container** 16 (folder)

**Drawings and Designs**

**Unit Date** 1960-1964  
**box-folder** 3 (box)  
**Container** 17 (folder)

**Harvard University Laboratory Notebook Physics 1, Section 5**

**Unit Date** 1963-1965  
**box-folder** 4 (box)  
**Container** 1 (folder)

**Harvard University Laboratory Notebook Physics 1, Section 4**

**Unit Date** 1961-1963  
**box-folder** 4 (box)  
**Container** 2 (folder)

**Harvard University Laboratory Notebook Physics 1, Section 3**

**Unit Date** 1961  
**box-folder** 4 (box)  
**Container** 3 (folder)

## **Harvard University Laboratory Notebook, Section 2**

**Unit Date** 1960-1961

**box-folder** 4 (box)

**Container** 4 (folder)

## **Harvard University Laboratory Notebook Physics 1, Section 1**

**Unit Date** 1960

**box-folder** 4 (box)

**Container** 5 (folder)

### **Scope and Contents note**

Includes charts and diagrams.

## **Series III: Raytheon Manufacturing Company**

### **Raytheon (1958-1959)**

**Unit Date** 1959-1960

**box-folder** 4 (box)

**Container** 6 (folder)

### **Scope and Contents note**

Includes "Technical Memorandum T-189" of Sep 17 1959, "Measurement and Interpretation of Absorption Spectra of Solids in the Absorption Edge Region" of Dec 15 1960 by D. M. Warschauer and "Electroluminescence under Pulsed Square Wave Excitation" by R. Zallen, V. T. Eriksen, and H. Ahlburg.

### **Raytheon Manufacturing Company-Engineering Notebook**

**Unit Date** 1958-1959

**box-folder** 5 (box)

**Container** 1 (folder)

## **Series IV: Virginia Tech**

### **RZ Funding Notes at VT / Excerpts; ITT / Texas Instruments / CIT / Philip Morris**

**Unit Date** 1985-1996

**box-folder** 5 (box)

**Container** 2 (folder)

### **VT Physics Site Visit / Presentation to Armstrong Committee**

**Unit Date** 1996

**box-folder** 5 (box)

**Container** 3 (folder)

### **VT "Activities Reports" (2 folders)**

**Unit Date** 1986-2004

**box-folder** 5 (box)

**Container** 4-5 (folder)

### **Lecture Pictures / Exams (2 folders)**

**Unit Date** 1989-2006

**box-folder** 5 (box)

**Container** 6-7 (folder)

## **Miscellaneous Teaching**

**Unit Date** 1983-2006

**box-folder** 5 (box)

**Container** 8 (folder)

**RZ VT Colloquium**

**Unit Date** 1990-04

**box-folder** 5 (box)

**Container** 9 (folder)

**RZ Hosted VT Speakers [including RZ]**

**Unit Date** 1983-2003

**box-folder** 5 (box)

**Container** 10 (folder)

**Department Demographics**

**Unit Date** 1988

**box-folder** 5 (box)

**Container** 11 (folder)

**RZ Part of VT Proposal to IBM**

**Unit Date** 1986

**box-folder** 5 (box)

**Container** 12 (folder)

**PhD and MS Students**

**Unit Date** 1994-2004

**box-folder** 5 (box)

**Container** 13 (folder)

**VT Lab Setup**

**Unit Date** 1983-1989

**box-folder** 5 (box)

**Container** 14 (folder)

**VT Memos (2 folders)**

**Unit Date** 1983-2000

**box-folder** 5 (box)

**Container** 15 (folder)

**box-folder** 16 (box)

**Container** 1 (folder)

**VT Lab Photos**

**Unit Date** 1984-1985

**box-folder** 6 (box)

**Container** 2 (folder)

**Xerox to Virginia Tech**

**Unit Date** 1983-2007

**box-folder** 6 (box)

**Container** 3 (folder)

**Series V: Isakson Prize**

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**1984 Isakson Prize Committee, Winner Manuel Cardona**

**Unit Date** 1983-1984

**box-folder** 6 (box)

**Container** 4 (folder)

**1982 Isakson Prize Committee, Winner Jan Tauc**

**Unit Date** 1980-1982

**box-folder** 7 (box)

**Container** 1 (folder)

**Series VI: Documented Talks**

**Percolation Theory: A Model for All Seasons**

**Unit Date** 1983

**box-folder** 7 (box)

**Container** 2 (folder)

**Scope and Contents note**

Includes one VHS tape and one CD.

**Michel Besson's Presentation on High Pressure**

**Unit Date** 1979

**box-folder** 7 (box)

**Container** 3 (folder)

**Scope and Contents note**

On videocassette.

**Michel Besson's Presentation on High Pressure of 1979**

**Unit Date** 2006

**box-folder** 7 (box)

**Container** 4 (folder)

**Series VII: Meetings, Trips, Talks, and Sabbaticals**

**Los Angeles (Mar 2005)**

**Unit Date** 2005

**box-folder** 7 (box)

**Container** 5 (folder)

**March Meeting**

**Unit Date** 2006

**box-folder** 7 (box)

**Container** 6 (folder)

**Saint Adele [Thorpefest], Montreal, and Cambridge (Aug 2004)**

**Unit Date** 2004

**box-folder** 8 (box)

**Container** 1 (folder)

**Montreal (Mar 2004)**

**Unit Date** 2004

**box-folder** 8 (box)  
**Container** 2 (folder)

**Besson Colloquium Paris (May 16 2003)**

**Unit Date** 1980-2004  
**box-folder** 8 (box)  
**Container** 3 (folder)

**Michigan State (Spring 2003)**

**Unit Date** 2002-2003  
**box-folder** 8 (box)  
**Container** 4 (folder)

**Austin, Texas (Mar 2003)**

**Unit Date** 2003  
**box-folder** 8 (box)  
**Container** 5 (folder)

**High Pressure Semiconductor Physics Conference [WP et al.], London (Aug 2002)**

**Unit Date** 2000-2002  
**box-folder** 8 (box)  
**Container** 6 (folder)

**RPI Reunion, Troy and Rochester, New York (Jun 2002)**

**Unit Date** 2002  
**box-folder** 8 (box)  
**Container** 7 (folder)

**Indianapolis (Mar 2002)**

**Unit Date** 2001-2002  
**box-folder** 8 (box)  
**Container** 8 (folder)

**Lubbock, Texas (Apr 2001)**

**Unit Date** 1997-2001  
**box-folder** 8 (box)  
**Container** 9 (folder)

**Seattle (Mar 2001)**

**Unit Date** 2000-2001  
**box-folder** 8 (box)  
**Container** 10 (folder)

**Cincinnati (Nov 2000)**

**Unit Date** 1988-2000  
**box-folder** 8 (box)  
**Container** 11 (folder)

**Nano Conference at VT and Physics Colloquium (Nov 2000)**

**Unit Date** 2000

**box-folder** 8 (box)

**Container** 12 (folder)

**Cambridge / London, UK (Jul 2000)**

**Unit Date** 2000

**box-folder** 8 (box)

**Container** 13 (folder)

**March Meeting of the American Physical Society, Minneapolis**

**Unit Date** 2000

**box-folder** 8 (box)

**Container** 14 (folder)

**Raleigh (Feb 2000)**

**Unit Date** 2000

**box-folder** 8 (box)

**Container** 15 (folder)

**London / Israel (Jul / Aug, Summer 1999)**

**Unit Date** 1998-1999

**box-folder** 8 (box)

**Container** 16 (folder)

**March Meeting Atlanta (1999)**

**Unit Date** 1998-1999

**box-folder** 8 (box)

**Container** 17 (folder)

**Haifa / Oren's Memorial Symposium (Jan 1999)**

**Unit Date** 1998-1999

**box-folder** 8 (box)

**Container** 18 (folder)

**Dow TAB meeting at MIT (Oct 2, 1998)**

**Unit Date** 1998-1999

**box-folder** 8 (box)

**Container** 19 (folder)

**Imperial College, London, (Jan-Aug, 1998)**

**Unit Date** 1997-1999

**box-folder** 9 (box)

**Container** 1 (folder)

**Cincinnati (Jun 6, 1997)**

**Unit Date** 1997

**box-folder** 9 (box)

**Container** 2 (folder)

**Travel Arrangements for Quantum Epitaxial Designs, Inc. Discussion, (Sep 20, 1996)**

**Unit Date** 1996

**box-folder** 9 (box)

**Container** 3 (folder)

**NATO Advanced Study Institute, Sozopol [Black Sea] (May-Jun, 1996)**

**Unit Date** 1996-1997

**box-folder** 9 (box)

**Container** 4 (folder)

**List of Trips / Talks / Sabbaticals (1984-1996)**

**Unit Date** 2006

**box-folder** 9 (box)

**Container** 5 (folder)

**St. Louis / APS**

**Unit Date** 1996-03

**box-folder** 9 (box)

**Container** 6 (folder)

**Richmond Conference (Nov 1995)**

**Unit Date** 1994-1997

**box-folder** 9 (box)

**Container** 7 (folder)

**NSF IMR Panel (Feb 1, 1995)**

**Unit Date** 1994-1995

**box-folder** 9 (box)

**Container** 8 (folder)

**Oak Ridge Workshop (Oct 1994)**

**Unit Date** 1994

**box-folder** 9 (box)

**Container** 9 (folder)

**Vancouver / 22nd ICPS (Aug 15-19, 1994)**

**Unit Date** 1994

**box-folder** 9 (box)

**Container** 10 (folder)

**FLG Symposium, Colorado (Aug 7-11, 1994)**

**Unit Date** 1993-1994

**box-folder** 9 (box)

**Container** 11 (folder)

**ECD (May 1994)**

**Unit Date** 1986-1994

**box-folder** 9 (box)

**Container** 12 (folder)

**New Alliances for Economic Development, Charlottesville****Unit Date** 1994-05**box-folder** 9 (box)**Container** 13 (folder)**Pittsburgh****Unit Date** 1994-03**box-folder** 9 (box)**Container** 14 (folder)**Nanoscale Workshop, College Park, Maryland****Unit Date** 1993-10**box-folder** 9 (box)**Container** 15 (folder)**Oxford****Unit Date** 1993-05-21**box-folder** 9 (box)**Container** 16 (folder)**NEC, Princeton****Unit Date** 1992-09**box-folder** 10 (box)**Container** 1 (folder)**March Meeting, Indianapolis****Unit Date** 1991-1992**box-folder** 10 (box)**Container** 2 (folder)**Clusters, Richmond****Unit Date** 1991-1993**box-folder** 10 (box)**Container** 3 (folder)**Cambridge, UK****Unit Date** 1991-08**box-folder** 10 (box)**Container** 4 (folder)**Leicester / Surrey (May 1991)****Unit Date** 1991-1994**box-folder** 10 (box)**Container** 5 (folder)**Imperial College (Sep 1990-Aug 1991)****Unit Date** 1989-1995**box-folder** 10 (box)**Container** 6 (folder)

**Exeter****Unit Date** 1991-04**box-folder** 10 (box)**Container** 7 (folder)**University of Reading (Jan 1991)****Unit Date** 1990-1991**box-folder** 10 (box)**Container** 8 (folder)**Philip Morris R&D Center (notes from Sep 6 1989; Jul 6 1990)****Unit Date** 1989-1990**box-folder** 10 (box)**Container** 9 (folder)**VPI Physics Colloquium (Apr 12 1990)****Unit Date** 1990-04-12**box-folder** 10 (box)**Container** 10 (folder)**March Meeting, Anaheim****Unit Date** 1990**box-folder** 10 (box)**Container** 11 (folder)**University of Paris; Imperial College****Unit Date** 1989-10**box-folder** 10 (box)**Container** 12 (folder)**Asheville (Aug / Sep 1989)****Unit Date** 1989-1990**box-folder** 10 (box)**Container** 13 (folder)**Xerox WRC****Unit Date** 1989-06-27**box-folder** 10 (box)**Container** 14 (folder)**Richard Zallen and Calvin Doss's Talks with Philip Morris****Unit Date** 1989-06-22**box-folder** 10 (box)**Container** 15 (folder)**Penn State (Jun 1 1989)****Unit Date** 1988-1992**box-folder** 10 (box)**Container** 16 (folder)

**Dow Chemical (Apr 28 1989)**

**Unit Date** 1986-1995

**box-folder** 10 (box)

**Container** 17 (folder)

**Wake Forest (Apr 13 1989)**

**Unit Date** 1986-1989

**box-folder** 10 (box)

**Container** 18 (folder)

**APS March Meeting, St. Louis**

**Unit Date** 1989

**box-folder** 10 (box)

**Container** 19 (folder)

**MRX & Lincoln Lab, Boston (Nov 27-Dec 3 1988)**

**Unit Date** 1988

**box-folder** 11 (box)

**Container** 1 (folder)

**Penn State**

**Unit Date** 1988-10-18

**box-folder** 11 (box)

**Container** 2 (folder)

**University of Cincinnati**

**Unit Date** 1988-11-09

**box-folder** 11 (box)

**Container** 3 (folder)

**CIT Superconductivity Workshop / Philip Morris Research Center, Richmond**

**Unit Date** 1988

**box-folder** 11 (box)

**Container** 4 (folder)

**SUNY Buffalo**

**Unit Date** 1988-04-21

**box-folder** 11 (box)

**Container** 5 (folder)

**March Meeting, New Orleans**

**Unit Date** 1988-1989

**box-folder** 11 (box)

**Container** 6 (folder)

**Texas Instruments, Dallas**

**Unit Date** 1988-02-11

**box-folder** 11 (box)

**Container** 7 (folder)

**Philip Morris Research Center**

**Unit Date** 1987-11-23

**box-folder** 11 (box)

**Container** 8 (folder)

**Kodak / Exxon (MCH) (Sep 9-11 1987)**

**Unit Date** 1987

**box-folder** 11 (box)

**Container** 9 (folder)

**Gordon Conference on ionomers, (Aug 4-7 1987)**

**Unit Date** 1987

**box-folder** 11 (box)

**Container** 10 (folder)

**Erice (Jun 1987)**

**Unit Date** 1977-2002

**box-folder** 11 (box)

**Container** 11 (folder)

**UNC / Marvin Silver (Apr 7 1987)**

**Unit Date** 1986-1987

**box-folder** 11 (box)

**Container** 12 (folder)

**New York, New York**

**Unit Date** 1987-03

**box-folder** 11 (box)

**Container** 13 (folder)

**Texas Instruments Trip, Dallas (Mar 5-8 1987)**

**Unit Date** 1987

**box-folder** 11 (box)

**Container** 14 (folder)

**BIAA Sh. Inst. Ceramics, China**

**Unit Date** 1986-07

**box-folder** 11 (box)

**Container** 15 (folder)

**Scope and Contents note**

[see correspondence for Ai-Lien Juno]

**ECD [Energy Conversion Devices] Trip**

**Unit Date** 1986-05-21

**box-folder** 11 (box)

**Container** 16 (folder)

**Penn / Illinois (May 1-2 1986)**

**Unit Date** 1985-1990

**box-folder** 11 (box)

**Container** 17 (folder)

**Las Vegas Meeting / WP-Schrift**

**Unit Date** 1986-03-31

**box-folder** 11 (box)

**Container** 18 (folder)

**Texas A&M (Mar 23-26 1986)**

**Unit Date** 1985-1987

**box-folder** 11 (box)

**Container** 19 (folder)

**Brown MRL / Harvard Seminar (Feb 1986)**

**Unit Date** 1985-1986

**box-folder** 12 (box)

**Container** 1 (folder)

**Texas Instruments, Dallas (Jan 31 1986)**

**Unit Date** 1985-1986

**box-folder** 12 (box)

**Container** 2 (folder)

**Vanderbilt / Bob Weeks (Oct 21 1985)**

**Unit Date** 1985-1992

**box-folder** 12 (box)

**Container** 3 (folder)

**Conference on Structure, Bloomfield Hills [IaS] (Jun 3-6 1985)**

**Unit Date** 1984-1985

**box-folder** 12 (box)

**Container** 4 (folder)

**EPRI Workshop, San Diego (May 12-17 1985)**

**Unit Date** 1984-1985

**box-folder** 12 (box)

**Container** 5 (folder)

**NY State Section Meeting, Corning, New York (Apr 1985)**

**Unit Date** 1984-1985

**box-folder** 12 (box)

**Container** 6 (folder)

**March Meeting, Baltimore**

**Unit Date** 1985

**box-folder** 12 (box)

**Container** 7 (folder)

**Case Western Reserve, Southern Ohio / Johns Hopkins (Mar 19-21 1985)**

**Unit Date** 1984-1985

**box-folder** 12 (box)

**Container** 8 (folder)

**UVA (Feb 8 1985)****Unit Date** 1984-1985**box-folder** 12 (box)**Container** 9 (folder)**Cincinnati (Nov 1984)****Unit Date** 1984-1988**box-folder** 12 (box)**Container** 10 (folder)**Nashville****Unit Date** 1984-06**box-folder** 12 (box)**Container** 11 (folder)**March Meeting, Detroit****Unit Date** 1984**box-folder** 12 (box)**Container** 12 (folder)**DuPont****Unit Date** 1984-03-20**box-folder** 12 (box)**Container** 13 (folder)**University of Pennsylvania (Feb 17 1984)****Unit Date** 1983-1984**box-folder** 12 (box)**Container** 14 (folder)**1960-1984 Meetings, Trips, Talks, Sabbaticals List****Unit Date** 1994-2006**box-folder** 12 (box)**Container** 15 (folder)**IAS [ECD] Short Course / Amorphous Semiconductors, Bloomfield Hills, Michigan (May 18 1984)****Unit Date** 1983-1984**box-folder** 12 (box)**Container** 16 (folder)**University of Maryland (Apr 24 1984)****Unit Date** 1983-1984**box-folder** 12 (box)**Container** 17 (folder)**ECD / IAS / UM / MSU (Nov 1983)****Unit Date** 1983-1984**box-folder** 12 (box)**Container** 18 (folder)

**NC State (Oct 3 1983)****Unit Date** 1981-1983**box-folder** 12 (box)**Container** 19 (folder)**SPEX (Sep 22 1983)****Unit Date** 1983-1984**box-folder** 12 (box)**Container** 20 (folder)**Penn State****Unit Date** 1983-09-15**box-folder** 12 (box)**Container** 21 (folder)**Schlumberger****Unit Date** 1983-06-11**box-folder** 12 (box)**Container** 22 (folder)**Symposium on Noncrystalline Solids, Reston, Virginia****Unit Date** 1983-05**box-folder** 12 (box)**Container** 23 (folder)**March Meeting, Los Angeles****Unit Date** 1983**box-folder** 12 (box)**Container** 24 (folder)**RPI Talk****Unit Date** 1982-10-20**box-folder** 12 (box)**Container** 25 (folder)**Visit to Penn (Apr 1982)****Unit Date** 1977-1983**box-folder** 12 (box)**Container** 26 (folder)**Dallas Trip, UT-Austin / VT-Dallas / Xerox Committee****Unit Date** 1982-04**box-folder** 13 (box)**Container** 1 (folder)**March Meeting, Dallas (1982)****Unit Date** 1981-1982**box-folder** 13 (box)**Container** 2 (folder)

**Brown, CUNY, APS / DCMP (Nov, Dec 1981)**

**Unit Date** 1981-1982

**box-folder** 13 (box)

**Container** 3 (folder)

**Amorphous Conferences, Grenoble**

**Unit Date** 1981-07

**box-folder** 13 (box)

**Container** 4 (folder)

**Phoenix, Houston, Tuscan (Mar 1981)**

**Unit Date** 1980-1988

**box-folder** 13 (box)

**Container** 5 (folder)

**HU / BU / GTE (Feb 1981)**

**Unit Date** 1980-1983

**box-folder** 13 (box)

**Container** 6 (folder)

**Aspen (1980)**

**Unit Date** 1980-1990

**box-folder** 13 (box)

**Container** 7 (folder)

**In this Box**

**Unit Date** 2006

**box-folder** 13 (box)

**Container** 8 (folder)

**March Meeting, New York, New York (Mar 1980)**

**Unit Date** 1979-1980

**box-folder** 13 (box)

**Container** 9 (folder)

**8th International Conference on Amorphous and Liquid Semiconductors, Cambridge, Massachusetts**

**Unit Date** 1979-08

**box-folder** 13 (box)

**Container** 10 (folder)

**University of Paris, Place Jussieu (Jun / Jul 1979)**

**Unit Date** 1979-1995

**box-folder** 13 (box)

**Container** 11 (folder)

**Bell Labs / Exxon / NRL / Brooklyn College / NRL, New York, New Jersey (May 1979)**

**Unit Date** 1979-1982

**box-folder** 13 (box)

**Container** 12 (folder)

**March Meeting, Chicago**

**Unit Date** 1979

**box-folder** 13 (box)

**Container** 13 (folder)

**Visit to McMaster / Jim Morrison (Nov 28-29 1978)**

**Unit Date** 1975-1979

**box-folder** 13 (box)

**Container** 14 (folder)

**Semiconductor Conference, Edinburgh (1978)**

**Unit Date** 1977-1978

**box-folder** 13 (box)

**Container** 15 (folder)

**March Meeting, Washington / Conference at IBM, Yorktown Heights/Rutgers**

**Unit Date** 1978

**box-folder** 13 (box)

**Container** 16 (folder)

**APS Invited Talk, Miami**

**Unit Date** 1977-11

**box-folder** 13 (box)

**Container** 17 (folder)

**Statistical Physics 13, Haifa**

**Unit Date** 1977-08

**box-folder** 14 (box)

**Container** 1 (folder)

**Gordon Conference on Molecular Solids, Plymouth, New Hampshire (Jun 1977)**

**Unit Date** 1976-1977

**box-folder** 14 (box)

**Container** 2 (folder)

**RZ WRC Colloquium**

**Unit Date** 1977-05-18

**box-folder** 14 (box)

**Container** 3 (folder)

**Penn (Apr 1977)**

**Unit Date** 1977-1982

**box-folder** 14 (box)

**Container** 4 (folder)

**March Meeting, San Diego**

**Unit Date** 1977

**box-folder** 14 (box)

**Container** 5 (folder)

**RPI****Unit Date** 1976-11-10**box-folder** 14 (box)**Container** 6 (folder)**Elliot W. Montroll's Birthday Party at the University of Rochester****Unit Date** 1976-11-04**box-folder** 14 (box)**Container** 7 (folder)**Penn State****Unit Date** 1976-09**box-folder** 14 (box)**Container** 8 (folder)**Aspen****Unit Date** 1976-08**box-folder** 14 (box)**Container** 9 (folder)**MIT****Unit Date** 1976-04-23**box-folder** 14 (box)**Container** 10 (folder)**March Meeting, Atlanta / Williamsburg****Unit Date** 1976**box-folder** 14 (box)**Container** 11 (folder)**Gordon Conference on 2DSolids, Plymouth, New Hampshire (Jul 1975)****Unit Date** 1975-1977**box-folder** 14 (box)**Container** 12 (folder)**Pb12 / APS March Meeting, Denver****Unit Date** 1975-03**box-folder** 14 (box)**Container** 13 (folder)**Bat Sheva Seminar, Haifa (Jan 1975)****Unit Date** 1972-1975**box-folder** 14 (box)**Container** 14 (folder)**Figures for VUE-Graphs, Haifa (Jan 1975)****Unit Date** 1974**box-folder** 14 (box)**Container** 15 (folder)

**University of Chicago Visit****Unit Date** 1974-10**box-folder** 14 (box)**Container** 16 (folder)**Semiconductor Conference, Stuttgart, Federal Republic of Germany****Unit Date** 1974-06**box-folder** 14 (box)**Container** 17 (folder)**Lab Visits / Correspondence: Lausanne, Zurich, Stuttgart****Unit Date** 1974-06**box-folder** 14 (box)**Container** 18 (folder)**NRL Seminar****Unit Date** 1974-05**box-folder** 14 (box)**Container** 19 (folder)**Conference on Tetrahedrally-Bonded Amorphous Semiconductors, Yorktown Heights / March Meeting, Philadelphia****Unit Date** 1973-1974**box-folder** 14 (box)**Container** 20 (folder)**Phase Transition Conference, State College, Pennsylvania****Unit Date** 1973-05**box-folder** 15 (box)**Container** 1 (folder)**1973 Talk at Palo Alto Research Center / March Meeting, San Diego****Unit Date** 1973-03**box-folder** 15 (box)**Container** 2 (folder)**Talk on Optical Properties at Amorphous and Molecular Solids, Xerox Webster Research Center****Unit Date** 1973-03**box-folder** 15 (box)**Container** 3 (folder)**Xerox Percolation Talk****Unit Date** 1973-01**box-folder** 15 (box)**Container** 4 (folder)**Varenna (Jul 1972)****Unit Date** 1972-1975**box-folder** 15 (box)**Container** 5 (folder)

**Technion (1 of 2) (1971-1972)****Unit Date** 1970-1972**box-folder** 15 (box)**Container** 6 (folder)**Scope and Contents note**

Some documents are in Hebrew.

**Technion (2 of 2) (1971-1972)****Unit Date** 1970-1972**box-folder** 15 (box)**Container** 7 (folder)**March Meeting, Cleveland****Unit Date** 1971**box-folder** 15 (box)**Container** 8 (folder)**Brown****Unit Date** 1970-11**box-folder** 15 (box)**Container** 9 (folder)**Solid State Talk [NAS SSSP], Rochester****Unit Date** 1970-11-04**box-folder** 15 (box)**Container** 10 (folder)**University of Rochester Talk****Unit Date** 1970-10**box-folder** 15 (box)**Container** 11 (folder)**Semiconductor Conference [1970 Boston Conference]****Unit Date** 1970-08**box-folder** 15 (box)**Container** 12 (folder)**Washington Lobbying Trip****Unit Date** 1970**box-folder** 15 (box)**Container** 13 (folder)**IBM Physics Colloquium [Jim McGrody]****Unit Date** 1970-04-30**box-folder** 15 (box)**Container** 14 (folder)**March Meeting, Dallas****Unit Date** 1970**box-folder** 15 (box)**Container** 15 (folder)

**APS New York**

**Unit Date** 1969-02

**box-folder** 15 (box)

**Container** 16 (folder)

**Gordon Conference on Disordered Systems, Meridian, New Hampshire**

**Unit Date** 1968-08

**box-folder** 15 (box)

**Container** 17 (folder)

**Moscow / Prague / Cambridge, UK (Jul-Aug 1968)**

**Unit Date** 1968-1969

**box-folder** 15 (box)

**Container** 18 (folder)

**March Meeting, Chicago**

**Unit Date** 1967

**box-folder** 16 (box)

**Container** 1 (folder)

**APS, New York**

**Unit Date** 1967

**box-folder** 16 (box)

**Container** 2 (folder)

**March Meeting at Duke**

**Unit Date** 1966

**box-folder** 16 (box)

**Container** 3 (folder)

**Conference on the Optical Properties of Metals, Paris (1965)**

**Unit Date** 1965-1966

**box-folder** 16 (box)

**Container** 4 (folder)

**March Meeting, Kansas City**

**Unit Date** 1965

**box-folder** 16 (box)

**Container** 5 (folder)

**APS, New York**

**Unit Date** 1964-01

**box-folder** 16 (box)

**Container** 6 (folder)

**NATO Summer School on Optical Properties, Ghent, Belgium (Jul 1962)**

**Unit Date** 1962-2007

**box-folder** 16 (box)

**Container** 7 (folder)

**RZ's First APS March Meeting, Baltimore**

**Unit Date** 1962-03

**box-folder** 16 (box)

**Container** 8 (folder)

**APS, New York**

**Unit Date** 1960-01

**box-folder** 16 (box)

**Container** 9 (folder)

**Series XIII: Correspondence**

**Miscellaneous Correspondence**

**Unit Date** 1971-1990

**box-folder** 16 (box)

**Container** 10 (folder)

**Technion Correspondence (2 folders)**

**Unit Date** 1971-1997

**box-folder** 16 (box)

**Container** 11-12 (folder)

**Hebrew University, Tel-Aviv Correspondence**

**Unit Date** 1974-1992

**box-folder** 16 (box)

**Container** 13 (folder)

**Marty Abkowitz**

**Unit Date** 1973-2002

**box-folder** 16 (box)

**Container** 14 (folder)

**Dave Adler (2 folders)**

**Unit Date** 1958-2001

**box-folder** 17 (box)

**Container** 1-2 (folder)

**Hayo Ahlburg**

**Unit Date** 1959-1989

**box-folder** 17 (box)

**Container** 3 (folder)

**Phil Anderson**

**Unit Date** 1974-1996

**box-folder** 17 (box)

**Container** 4 (folder)

**Mark Azbel**

**Unit Date** 1977

**box-folder** 17 (box)

**Container** 5 (folder)

**George Bauer****Unit Date** 1970-1974**box-folder** 17 (box)**Container** 6 (folder)**Michel Besson (2 folders)****Unit Date** 1965-2004**box-folder** 17 (box)**Container** 7-8 (folder)**Punit Boolchand****Unit Date** 1984-2001**box-folder** 17 (box)**Container** 9 (folder)**Tutu Bose****Unit Date** 1986-1997**box-folder** 17 (box)**Container** 10 (folder)**Oren Brafman (3 folders)****Unit Date** 1970-1999**box-folder** 17 (box)**Container** 11 (folder)**box-folder** 18 (box)**Container** 1-2 (folder)**Bridgman****Unit Date** 1961-2002**box-folder** 18 (box)**Container** 3 (folder)**Brodsky****Unit Date** 1970-1983**box-folder** 18 (box)**Container** 4 (folder)**Eli Burstein****Unit Date** 1970-1994**box-folder** 18 (box)**Container** 5 (folder)**Larry Burton****Unit Date** 1984-1994**box-folder** 18 (box)**Container** 6 (folder)**Cardona****Unit Date** 1959-2005**box-folder** 18 (box)

**Container** 7 (folder)

**Cazaux**

**Unit Date** 1973

**box-folder** 18 (box)

**Container** 8 (folder)

**Arthur C. Clarke**

**Unit Date** 1985-1986

**box-folder** 18 (box)

**Container** 9 (folder)

**Marvin Cohen**

**Unit Date** 1980-1994

**box-folder** 18 (box)

**Container** 10 (folder)

**Morrel Cohen**

**Unit Date** 1964-1997

**box-folder** 18 (box)

**Container** 11 (folder)

**Esther Conwell**

**Unit Date** 1973-2003

**box-folder** 18 (box)

**Container** 12 (folder)

**Scope and Contents note**

Includes historic letters about the formation of the Division of Solid-State Physics.

**Coxeter**

**Unit Date** 1958-1985

**box-folder** 18 (box)

**Container** 13 (folder)

**Ted Davis**

**Unit Date** 1979-2000

**box-folder** 18 (box)

**Container** 14 (folder)

**de Gennes**

**Unit Date** 1976-1991

**box-folder** 18 (box)

**Container** 15 (folder)

**John de Neufville**

**Unit Date** 1979-2006

**box-folder** 19 (box)

**Container** 1 (folder)

**Calvin Doss****Unit Date** 1988-2002**box-folder** 19 (box)**Container** 2 (folder)**Walter Duncan / Texas Instruments****Unit Date** 1987-1999**box-folder** 19 (box)**Container** 3 (folder)**Leo Falicov****Unit Date** 1981-1983**box-folder** 19 (box)**Container** 4 (folder)**Jeff Feng****Unit Date** 1982-2006**box-folder** 19 (box)**Container** 5 (folder)**Paul Flory****Unit Date** 1982**box-folder** 19 (box)**Container** 6 (folder)**Alan Fowler****Unit Date** 1970-1995**box-folder** 19 (box)**Container** 7 (folder)**Peter Franken****Unit Date** 1963**box-folder** 19 (box)**Container** 8 (folder)**Hellmut Fritzsche****Unit Date** 1972-1987**box-folder** 19 (box)**Container** 9 (folder)**Frank Galeener****Unit Date** 1973-1995**box-folder** 19 (box)**Container** 10 (folder)**Art Geissberger****Unit Date** 1984-2000**box-folder** 19 (box)**Container** 11 (folder)

**Marty Glicksman / Rensselaer**

**Unit Date** 1976-2007

**box-folder** 19 (box)

**Container** 12 (folder)

**Rey Gonzalez**

**Unit Date** 1987-2006

**box-folder** 19 (box)

**Container** 13 (folder)

**Paul Grant**

**Unit Date** 1967-2006

**box-folder** 19 (box)

**Container** 14 (folder)

**Steve Groves [SHG]**

**Unit Date** 1970-2006

**box-folder** 20 (box)

**Container** 1 (folder)

**B.I. Halperin**

**Unit Date** 1970-1971

**box-folder** 20 (box)

**Container** 2 (folder)

**Tim Hayes**

**Unit Date** 1978-1996

**box-folder** 20 (box)

**Container** 3 (folder)

**Alan Heeger**

**Unit Date** 1975-1982

**box-folder** 20 (box)

**Container** 4 (folder)

**Heinz Henisch**

**Unit Date** 1968-2006

**box-folder** 20 (box)

**Container** 5 (folder)

**Dudley Herschback**

**Unit Date** 1979-1988

**box-folder** 20 (box)

**Container** 6 (folder)

**Jorge Hirsch**

**Unit Date** 2005

**box-folder** 20 (box)

**Container** 7 (folder)

**Diane Hoffman**

**Unit Date** 1984-2002

**box-folder** 20 (box)

**Container** 8 (folder)

**Mark Holtz (2 folders)**

**Unit Date** 1982-2006

**box-folder** 20 (box)

**Container** 9-10 (folder)

**Puru Jena**

**Unit Date** 1994-1999

**box-folder** 20 (box)

**Container** 11 (folder)

**Ai-Lien Jung, China (1986)**

**Unit Date** 1981-1988

**box-folder** 20 (box)

**Container** 12 (folder)

**Marc Kastner**

**Unit Date** 1972

**box-folder** 21 (box)

**Container** 1 (folder)

**Bob Knox / RSK / Symmetry, Tunneling**

**Unit Date** 1970-2007

**box-folder** 21 (box)

**Container** 2 (folder)

**Imants Lauks**

**Unit Date** 1982-2006

**box-folder** 21 (box)

**Container** 3 (folder)

**Yi-Bai Li**

**Unit Date** 1991-1997

**box-folder** 21 (box)

**Container** 4 (folder)

**Cliff Lilly**

**Unit Date** 1987-1993

**box-folder** 21 (box)

**Container** 5 (folder)

**Gerry Lucovsky**

**Unit Date** 1965-2000

**box-folder** 21 (box)

**Container** 6 (folder)

**Benoit Mandelbrot**

**Unit Date** 1982-1983

**box-folder** 21 (box)

**Container** 7 (folder)

**Richard Martin**

**Unit Date** 1971-1997

**box-folder** 21 (box)

**Container** 8 (folder)

**E-mail Correspondence with Richard Martin, et al. Vis- $\&\#224$ -vis IR Activity in Elemental Crystals**

**Unit Date** 1993-2001

**box-folder** 21 (box)

**Container** 9 (folder)

**Scott Massie**

**Unit Date** 1990-2006

**box-folder** 21 (box)

**Container** 10 (folder)

**Jim McGroddy**

**Unit Date** 1970-1995

**box-folder** 21 (box)

**Container** 11 (folder)

**Laurie McNeil**

**Unit Date** 1985-2001

**box-folder** 21 (box)

**Container** 12 (folder)

**Mona Moret**

**Unit Date** 1994-2006

**box-folder** 21 (box)

**Container** 13 (folder)

**Si Moss**

**Unit Date** 1973-2004

**box-folder** 22 (box)

**Container** 1 (folder)

**Neville Mott**

**Unit Date** 1968-1996

**box-folder** 22 (box)

**Container** 2 (folder)

**Stan and Iris Ovshinsky**

**Unit Date** 1981-2006

**box-folder** 22 (box)

**Container** 3 (folder)

**Damodar Pai****Unit Date** n. d.**box-folder** 22 (box)**Container** 4 (folder)**Bill Paul (3 folders)****Unit Date** 1959-2005**box-folder** 22 (box)**Container** 5-7 (folder)**WP's Sixtieth Birthday Party in Las Vegas (1986)****Unit Date** 1964-1986**box-folder** 22 (box)**Container** 8 (folder)**George Pake****Unit Date** 1971-1983**box-folder** 22 (box)**Container** 9 (folder)**WP Nominations: NAS, Mott Medal, Buckley Prize****Unit Date** 1988-2001**box-folder** 22 (box)**Container** 10 (folder)**WP Bridgman-Medal Attempts****Unit Date** 1984-1994**box-folder** 22 (box)**Container** 11 (folder)**Stuart Pawley****Unit Date** 1972-1979**box-folder** 23 (box)**Container** 1 (folder)**Rudolf Peieris****Unit Date** 1971-1986**box-folder** 23 (box)**Container** 2 (folder)**Erik Pell****Unit Date** 1983-2002**box-folder** 23 (box)**Container** 3 (folder)**Correspondence with Jim Phillips****Unit Date** 1969-2004**box-folder** 23 (box)**Container** 4 (folder)

**Zoran Popovic****Unit Date** 1979-1989**box-folder** 23 (box)**Container** 5 (folder)**Ilan Riess****Unit Date** 1972-2002**box-folder** 23 (box)**Container** 6 (folder)**Nick Rivier****Unit Date** 1980-1997**box-folder** 23 (box)**Container** 7 (folder)**Gareth Roberts [G2]****Unit Date** 1970-2005**box-folder** 23 (box)**Container** 8 (folder)**Bill Salaneck****Unit Date** 1983-2006**box-folder** 23 (box)**Container** 9 (folder)**Carl Sagan****Unit Date** 1975**box-folder** 23 (box)**Container** 10 (folder)**Dror Sarid****Unit Date** 1976-1994**box-folder** 23 (box)**Container** 11 (folder)**Harvey Scher****Unit Date** 1978-2006**box-folder** 23 (box)**Container** 12 (folder)**Brian Schwartz****Unit Date** 1985-2001**box-folder** 23 (box)**Container** 13 (folder)**Phil Schmid****Unit Date** 1974-1996**box-folder** 23 (box)**Container** 14 (folder)

**Boris Shapiro****Unit Date** 1979-1987**box-folder** 24 (box)**Container** 1 (folder)**Bea Shube****Unit Date** n.d.**box-folder** 24 (box)**Container** 2 (folder)**Alf Siochi****Unit Date** 1988-2006**box-folder** 24 (box)**Container** 3 (folder)**Stu Solin / Visits: Xerox (1969, 1967), Virginia Tech (1986, 2006)****Unit Date** 1968-2006**box-folder** 24 (box)**Container** 4 (folder)**Wantana Songprakob [Nui]****Unit Date** 1995-2006**box-folder** 24 (box)**Container** 5 (folder)**Walter Spear****Unit Date** 1983-1988**box-folder** 24 (box)**Container** 6 (folder)**Tony Stradling****Unit Date** 1989-2003**box-folder** 24 (box)**Container** 7 (folder)**Jan Tauc (3 folders)****Unit Date** 1962-2002**box-folder** 24 (box)**Container** 8-9 (folder)**box-folder** 25 (box)**Container** 1 (folder)**Craig Taylor****Unit Date** 1974-1992**box-folder** 25 (box)**Container** 2 (folder)**Mike Thorpe****Unit Date** 1983-2006**box-folder** 25 (box)

**Container** 3 (folder)

**David Thouless**

**Unit Date** 1979-1980

**box-folder** 25 (box)

**Container** 4 (folder)

**Jim Tsang**

**Unit Date** 1996-2001

**box-folder** 25 (box)

**Container** 5 (folder)

**Dave Tsu**

**Unit Date** 1995-2001

**box-folder** 25 (box)

**Container** 6 (folder)

**Ray Tsu**

**Unit Date** 1970-2002

**box-folder** 25 (box)

**Container** 7 (folder)

**Sathan Vijarnwannaluck ["Daeng"]**

**Unit Date** 1995-2004

**box-folder** 25 (box)

**Container** 8 (folder)

**Denis Weaire**

**Unit Date** 1983-2005

**box-folder** 25 (box)

**Container** 9 (folder)

**Bernie Weinstein (2 folders)**

**Unit Date** 1973-2006

**box-folder** 25 (box)

**Container** 10-11 (folder)

**Gerhard Weiser**

**Unit Date** 1971-1990

**box-folder** 26 (box)

**Container** 1 (folder)

**Barbara Wilson**

**Unit Date** 1981-1994

**box-folder** 26 (box)

**Container** 2 (folder)

**Adrian Wright**

**Unit Date** 1986-1994

**box-folder** 26 (box)

**Container** 3 (folder)

**M. K. Wu / high Te**

**Unit Date** 1987-1988

**box-folder** 26 (box)

**Container** 4 (folder)

**A. D. Yoffe**

**Unit Date** 1971-1974

**box-folder** 26 (box)

**Container** 5 (folder)

**Series IX: Zallen Research Materials: Optical Properties / Phonons / Elemental Crystals / Layer Crystals / Pressure-Raman / Percolation**

**Percolation Lectures, Xerox**

**Unit Date** 1973-1977

**box-folder** 26 (box)

**Container** 6 (folder)

**Polychromatic Percolation (1976-1977)**

**Unit Date** 1970-1978

**box-folder** 26 (box)

**Container** 7 (folder)

**Percolation Correspondence**

**Unit Date** 1977-1980

**box-folder** 26 (box)

**Container** 8 (folder)

**PCPC Correspondence**

**Unit Date** 1977-1978

**box-folder** 26 (box)

**Container** 9 (folder)

**Polychromatic Percolation Color VUE Graphs and Drawings**

**Unit Date** n.d.

**box-folder** 26 (box)

**Container** 10 (folder)

**PCPC Flat Plates & Originals**

**Unit Date** 1976-1977

**box-folder** 26 (box)

**Container** 11 (folder)

**Percolation**

**Unit Date** 1977

**box-folder** 26 (box)

**Container** 12 (folder)

**Percolation Originals for Stat Phys Slides****Unit Date** 1977**box-folder** 26 (box)**Container** 13 (folder)**PCPC****Unit Date** 1970-1977**box-folder** 26 (box)**Container** 14 (folder)**Harvey's Sec. (3) of 25****Unit Date** 1971**box-folder** 26 (box)**Container** 15 (folder)**Percolation Figures and Flat Plates****Unit Date** 1970**box-folder** 26 (box)**Container** 16 (folder)**Zallen and Scher Correspondence****Unit Date** 1970-1971**box-folder** 26 (box)**Container** 17 (folder)**Figures / Zallen & Scher****Unit Date** 1971**box-folder** 26 (box)**Container** 18 (folder)**Z & S Percolation Outlines****Unit Date** 1970-1971**box-folder** 26 (box)**Container** 19 (folder)**PbI2/2H→?/ Pressure-Inducted Transition [Notes from Open Desk File January 1980]****Unit Date** 1974-1980**box-folder** 26 (box)**Container** 20 (folder)**PbI2 Under Pressure [Unpublished]****Unit Date** 1975-1985**box-folder** 26 (box)**Container** 21 (folder)**Correspondence / 2H→4H PbI2 Paper****Unit Date** 1975**box-folder** 26 (box)**Container** 22 (folder)

**Sound-Velocity Accordion**

**Unit Date** 1969-1977

**box-folder** 26 (box)

**Container** 23 (folder)

**As4S4 & S4N4**

**Unit Date** n.d.

**box-folder** 26 (box)

**Container** 24 (folder)

**Zallen's Law;  $\gamma \sim 1/\omega^2$** 

**Unit Date** 1978-1982

**box-folder** 27 (box)

**Container** 1 (folder)

**As4S4/S4N4 Figures and Drawings**

**Unit Date** n.d.

**box-folder** 27 (box)

**Container** 2 (folder)

**Correspondence: Influence of Pressure & Temperature on Phonons in As4S4 & S4N4**

**Unit Date** 1978-1979

**box-folder** 27 (box)

**Container** 3 (folder)

**Sulfur Optical Properties Paper [EDZ]**

**Unit Date** 1976

**box-folder** 27 (box)

**Container** 4 (folder)

**ZB Review ( $\approx 1974$ )**

**Unit Date** 1973-1985

**box-folder** 27 (box)

**Container** 5 (folder)

**Correspondence: Zallen and Blossey Review on Arsenic Chalcogenide Layer Crystals**

**Unit Date** 1973-1977

**box-folder** 27 (box)

**Container** 6 (folder)

**Correspondence: Zallen & Conwell Libron Paper**

**Unit Date** 1973-1980

**box-folder** 27 (box)

**Container** 7 (folder)

**Notes on Simple Spring Model**

**Unit Date** 1972-1973

**box-folder** 27 (box)

**Container** 8 (folder)

**Vibrational Reduced Mass  $\mu$** **Unit Date** 1969-1977**box-folder** 27 (box)**Container** 9 (folder)**RL modes (1974)****Unit Date** 1969-1975**box-folder** 27 (box)**Container** 10 (folder)**Pressure-Raman Paper Correspondence****Unit Date** 1973-1980**box-folder** 27 (box)**Container** 11 (folder)**Pressure-Raman (1974)****Unit Date** 1972-1973**box-folder** 27 (box)**Container** 12 (folder)**Drawings: Phonons in Two-Dimensional Solids****Unit Date** 1976**box-folder** 27 (box)**Container** 13 (folder)**Pyrene & Pressure-Raman Figures II****Unit Date** n.d.**box-folder** 27 (box)**Container** 14 (folder)**Pressure-Raman Paper Figures****Unit Date** n.d.**box-folder** 27 (box)**Container** 15 (folder)**Stuttgart / Glossy Prints & Flat Plates [to size]****Unit Date** 1974**box-folder** 27 (box)**Container** 16 (folder)**Stuttgart Paper 16 D 06 Originals****Unit Date** 1974**box-folder** 27 (box)**Container** 17 (folder)**Pressure-Raman & Rigid Layer Figures****Unit Date** 1974**box-folder** 27 (box)**Container** 18 (folder)

## **Talk on Optical Properties of Amorphous and Molecular Solids**

**Unit Date** 1973-03

**box-folder** 27 (box)

**Container** 19 (folder)

## **Solid State Spectroscopy / One Page Review of Accomplishments (Jan 28 1974)**

**Unit Date** 1974-1977

**box-folder** 27 (box)

**Container** 20 (folder)

## **Sb<sub>2</sub>S<sub>3</sub> / Infrared & UV Spectra Flat Plate Set 1 [unpublished]**

**Unit Date** n.d.

**box-folder** 27 (box)

**Container** 21 (folder)

## **Sb<sub>2</sub>S<sub>3</sub> Interband & Lattice Spectra [unpublished] (1971)**

**Unit Date** 1970-1972

**box-folder** 27 (box)

**Container** 22 (folder)

## **2 Figures: Rigid Layer Modes in Chalcogenide Crystals: As<sub>2</sub>Se<sub>3</sub>**

**Unit Date** n.d.

**box-folder** 27 (box)

**Container** 23 (folder)

## **c- & a- As<sub>2</sub>S<sub>3</sub> XPS**

**Unit Date** 1976

**box-folder** 27 (box)

**Container** 24 (folder)

## **Amorphous As<sub>2</sub>S<sub>3</sub> & As<sub>2</sub>Se<sub>3</sub> Absorption Edges**

**Unit Date** 1970-1971

**box-folder** 27 (box)

**Container** 25 (folder)

## **Electronic Structure of Crystalline and Amorphous As<sub>2</sub>S<sub>3</sub> & As<sub>2</sub>Se<sub>3</sub>**

**Unit Date** 1970-1971

**box-folder** 27 (box)

**Container** 26 (folder)

## **R(h<sup>2</sup>), @ 10°K; c-As<sub>2</sub>S<sub>3</sub> & c-As<sub>2</sub>Se<sub>3</sub>**

**Unit Date** n.d.

**box-folder** 27 (box)

**Container** 27 (folder)

## **ZDEX Correspondence (1971)**

**Unit Date** 1968-1976

**box-folder** 27 (box)

**Container** 28 (folder)

## **Diperiodic Groups Correspondence**

**Unit Date** 1975-1984

**box-folder** 27 (box)

**Container** 29 (folder)

## **As<sub>2</sub>Se<sub>3</sub>-As<sub>2</sub>Se<sub>3</sub> / Latt. Vib. Flat Plates 2**

**Unit Date** n.d.

**box-folder** 27 (box)

**Container** 30 (folder)

## **e\* (As<sub>2</sub>S<sub>3</sub>)**

**Unit Date** 1969-1979

**box-folder** 28 (box)

**Container** 1 (folder)

## **e\***

**Unit Date** 1967-1977

**box-folder** 28 (box)

**Container** 2 (folder)

## **As<sub>2</sub>S<sub>3</sub> & As<sub>2</sub>Se<sub>3</sub> average v**

**Unit Date** 1969-1970

**box-folder** 28 (box)

**Container** 3 (folder)

## **ZSW (1971)**

**Unit Date** 1967-1976

**box-folder** 28 (box)

**Container** 4 (folder)

## **Amorphous Ge (1968-1969)**

**Unit Date** 1968-1970

**box-folder** 28 (box)

**Container** 5 (folder)

## **Se Review / Flat Plates**

**Unit Date** 1978-1979

**box-folder** 28 (box)

**Container** 6 (folder)

## **Se Review**

**Unit Date** 1970

**box-folder** 28 (box)

**Container** 7 (folder)

## **Figures for Se Review**

**Unit Date** n.d.

**box-folder** 28 (box)

**Container** 8 (folder)

**Se Review-Spare Flat Plates**

**Unit Date** n.d.

**box-folder** 28 (box)

**Container** 9 (folder)

**Drawings for Slides: Reststrahlen in Elemental Crystals**

**Unit Date** n.d.

**box-folder** 28 (box)

**Container** 10 (folder)

**Outlines: Z & CZ**

**Unit Date** 1967-1968

**box-folder** 28 (box)

**Container** 11 (folder)

**Correspondence about Z & CZ**

**Unit Date** 1968

**box-folder** 28 (box)

**Container** 12 (folder)

**1968 Theory Paper / IR Modes in Elemental Crystals**

**Unit Date** 1967-1993

**box-folder** 28 (box)

**Container** 13 (folder)

**Zallen and Chen, Moscow Conference**

**Unit Date** 1968

**box-folder** 28 (box)

**Container** 14 (folder)

**1 Set of Good Flat Plates and Glossy Prints / Z & CZ**

**Unit Date** n.d.

**box-folder** 28 (box)

**Container** 15 (folder)

**Spare Flat Plate Copies for Z & CZ**

**Unit Date** 1968

**box-folder** 28 (box)

**Container** 16 (folder)

**Shell-Model Notes**

**Unit Date** 1967-1968

**box-folder** 28 (box)

**Container** 17 (folder)

**Group Theory for D3? Dynamical Matrix / NNN Models for A2 Modes (9/21-10/2/1967)**

**Unit Date** 1967

**box-folder** 28 (box)

**Container** 18 (folder)

**CZ (10/15-12/14/1967)****Unit Date** 1967-1968**box-folder** 28 (box)**Container** 19 (folder)**D34****Unit Date** n.d.**box-folder** 28 (box)**Container** 20 (folder)**Coulomb Interaction; IC's Notes from BH / Kellermann****Unit Date** 1940-1969**box-folder** 28 (box)**Container** 21 (folder)**Chen & Zallen (10/18/1967-2/20/1968)****Unit Date** 1967-1968**box-folder** 28 (box)**Container** 22 (folder)**HgS Thermal Modulation / RX Notes, Calculations, & Drawings: Abkowitz, Pfister, & Zallen****Unit Date** 1970-1972**box-folder** 28 (box)**Container** 23 (folder)**HgS Thermal Modulation: Abkowitz, Pfister, & Zallen****Unit Date** n.d.**box-folder** 28 (box)**Container** 24 (folder)**Semiconductor-Semimetal Transitions by Alloying****Unit Date** 1970**box-folder** 28 (box)**Container** 25 (folder)**Semi Metals****Unit Date** 1957-1970**box-folder** 28 (box)**Container** 26 (folder)**HgSe (1997)****Unit Date** 1970-1997**box-folder** 28 (box)**Container** 27 (folder) **$\beta$ -HgS Figures for Paper****Unit Date** n.d.**box-folder** 28 (box)**Container** 28 (folder)

**$\beta$ -HgS / n, m\*,  $\tau$** **Unit Date** 1970-1998**box-folder** 28 (box)**Container** 29 (folder) **$\beta$ -HgS Analyses for Impurities****Unit Date** 1967-1970**box-folder** 28 (box)**Container** 30 (folder) **$\beta$ -HgS Talk****Unit Date** 1970**box-folder** 28 (box)**Container** 31 (folder) **$\beta$ -HgS****Unit Date** 1962-1970**box-folder** 29 (box)**Container** 1 (folder) **$\beta$ -HgS Figures****Unit Date** n.d.**box-folder** 29 (box)**Container** 2 (folder)**Unpublished HgS UV****Unit Date** 1979**box-folder** 29 (box)**Container** 3 (folder)**Edge Reflectivity Luminescence: HgS****Unit Date** 1967**box-folder** 29 (box)**Container** 4 (folder)**HgS Correspondence****Unit Date** 1966-1974**box-folder** 29 (box)**Container** 5 (folder)**HgS Flat Plates [set 2]****Unit Date** 1969**box-folder** 29 (box)**Container** 6 (folder)**HgS Original Draft****Unit Date** 1968-1969**box-folder** 29 (box)**Container** 7 (folder)

**Madelung Energy****Unit Date** 1967-1969**box-folder** 29 (box)**Container** 8 (folder)**HgS Mode Models****Unit Date** 1967-1969**box-folder** 29 (box)**Container** 9 (folder)**HgS IR-R Selection-Rule Notes****Unit Date** 1963-1969**box-folder** 29 (box)**Container** 10 (folder)**HgS Edge****Unit Date** 1966-1968**box-folder** 29 (box)**Container** 11 (folder) **$\alpha$ -HgS / Crystal Growth, Preparation****Unit Date** 1970-1994**box-folder** 29 (box)**Container** 12 (folder)**HgS a-c' Planar Projection****Unit Date** 1969**box-folder** 29 (box)**Container** 13 (folder)**HgS Crystal Structure****Unit Date** 1969**box-folder** 29 (box)**Container** 14 (folder)**E2 Sum Rule: Ehrenreich Nozières & Pines Pippard****Unit Date** 1967-1969**box-folder** 29 (box)**Container** 15 (folder)**RZ Notes on Optical Properties****Unit Date** 1962**box-folder** 29 (box)**Container** 16 (folder)**Smith / NATO Lectures, Gent Belgium (1962)****Unit Date** 1962-1968**box-folder** 29 (box)**Container** 17 (folder)

**Warschauer****Unit Date** 1960**box-folder** 29 (box)**Container** 18 (folder)**Series X: Zallen Research Materials 1979-2005: nanocrystalline GaAs & AlO(OH) / 1994 elemental crystals / TiO<sub>2</sub> / GaAs:C and Global information: CV / mailing list / experimental methods/optical properties notes****Mailing Lists****Unit Date** 1980-1994**box-folder** 29 (box)**Container** 19 (folder)**CV****Unit Date** 1970-2005**box-folder** 29 (box)**Container** 20 (folder)**RZ Refereeing Reports [some of them]****Unit Date** 1975-2005**box-folder** 29 (box)**Container** 21 (folder)**Survey Absorption Spectrum [Bink original]****Unit Date** 1967-1968**box-folder** 29 (box)**Container** 22 (folder)**T(hv)-Absorption Edge Procedure & Thickness from Interference Fringes****Unit Date** 1962-1996**box-folder** 29 (box)**Container** 23 (folder)**Notes on the Optical Properties of Metals (1 of 2)****Unit Date** 1960-2002**box-folder** 29 (box)**Container** 24 (folder)**Optical Properties, etc (Folder 2 of 2)****Unit Date** 1957-2002**box-folder** 30 (box)**Container** 1 (folder)**s→p Energy Spacings & Bonding****Unit Date** 1969-1972**box-folder** 30 (box)**Container** 2 (folder)

**External Optics for Vis-UV Spectrometer (≈1966)****Unit Date** 1965-1975**box-folder** 30 (box)**Container** 3 (folder)**Optical Spectrometer Visible / Ultraviolet****Unit Date** 1965-1996**box-folder** 30 (box)**Container** 4 (folder)**Miscellaneous Raman-Lab Notes****Unit Date** 1975-2004**box-folder** 30 (box)**Container** 5 (folder)**Miscellaneous Experimental****Unit Date** 1958-1975**box-folder** 30 (box)**Container** 6 (folder)**Infrared Lab****Unit Date** 2001-2006**box-folder** 30 (box)**Container** 7 (folder)**Photomultipliers****Unit Date** 2001**box-folder** 30 (box)**Container** 8 (folder)**Spectrometers****Unit Date** 1965-1975**box-folder** 30 (box)**Container** 9 (folder)**Etches****Unit Date** 1966**box-folder** 30 (box)**Container** 10 (folder)**Samples Sent Out****Unit Date** 1974-2004**box-folder** 30 (box)**Container** 11 (folder)**Brookite-TiO<sub>2</sub> Paper (1996-2005)****Unit Date** 1968-2005**box-folder** 30 (box)**Container** 12 (folder)

**GaAs:C****Unit Date** 1996-2002**box-folder** 30 (box)**Container** 13 (folder)**SBT Versus Temp / Kamba et al. [Kamba, Petzelt, Moret, Garg, Barber, Zallen]****Unit Date** 1999-2002**box-folder** 30 (box)**Container** 14 (folder)**e\* [anatase]****Unit Date** 1961-1996**box-folder** 31 (box)**Container** 1 (folder)**Anatase-TiO<sub>2</sub> Paper****Unit Date** 1996**box-folder** 31 (box)**Container** 2 (folder)**SrBiTa<sub>2</sub>O<sub>9</sub> [mostly 1997]****Unit Date** 1995-1997**box-folder** 31 (box)**Container** 3 (folder)**SBT IR Work / MZJND Paper****Unit Date** 1997**box-folder** 31 (box)**Container** 4 (folder)**Analysis for Number of IR and Raman Modes / SBT****Unit Date** 1996-1997**box-folder** 31 (box)**Container** 5 (folder)**Moret Invention Disclosure on Thin-Film Deposition****Unit Date** 1996**box-folder** 31 (box)**Container** 6 (folder)**RZ Contribution to Encyclopaedia Britannica****Unit Date** 1993-1996**box-folder** 31 (box)**Container** 7 (folder)**1994 Theory Paper / IR Modes In Elemental Crystals****Unit Date** 1993-1998**box-folder** 31 (box)**Container** 8 (folder)

**Correspondence: ZMN****Unit Date** 1993-1994**box-folder** 31 (box)**Container** 9 (folder)**Figure 1 [Originals]****Unit Date** 1993**box-folder** 31 (box)**Container** 10 (folder)**Solid H2 (mostly 1993)****Unit Date** 1968-1997**box-folder** 31 (box)**Container** 11 (folder)**CD Figures Back from Physics Review****Unit Date** 1992-1993**box-folder** 31 (box)**Container** 12 (folder)**Calvin Doss / Sol-Gel Alumina AlO(OH)****Unit Date** 1990-1993**box-folder** 31 (box)**Container** 13 (folder)**Tauschrift Paper****Unit Date** 1991-1992**box-folder** 31 (box)**Container** 14 (folder)**FZ Figures****Unit Date** 1988-1992**box-folder** 31 (box)**Container** 15 (folder)**FZ-MRS Short Paper****Unit Date** 1988-1993**box-folder** 31 (box)**Container** 16 (folder)**HZBM Figures****Unit Date** 1987**box-folder** 31 (box)**Container** 17 (folder)**Miscellaneous GaAs****Unit Date** 1988-2002**box-folder** 31 (box)**Container** 18 (folder)

**NSF Referees on BDZ****Unit Date** 1988**box-folder** 31 (box)**Container** 19 (folder)**Work with Texas Instruments / GaAs****Unit Date** 1985-1989**box-folder** 31 (box)**Container** 20 (folder)**HZGS / GaAs / Journal of Applied Physics Correspondence****Unit Date** 1985-1986**box-folder** 31 (box)**Container** 21 (folder)**Higher-dimensional Sphere Packings Notes & Calculations (1985)****Unit Date** 1976-1985**box-folder** 31 (box)**Container** 22 (folder)**Paper for Texas A&M (September 1986)****Unit Date** 1986-1987**box-folder** 31 (box)**Container** 23 (folder)**Originals for VUE-Graphs / Miscellaneous Amorphous****Unit Date** n.d.**box-folder** 31 (box)**Container** 24 (folder)**Semiconductor Handbook [WP] Correspondence****Unit Date** 1977-1990**box-folder** 32 (box)**Container** 1 (folder)**GeS<sub>2</sub> Unpublished Raman Figures (work done ≈ 1982)****Unit Date** 1986-1989**box-folder** 32 (box)**Container** 2 (folder)**Grenoble Figures****Unit Date** n.d.**box-folder** 32 (box)**Container** 3 (folder)**GeS<sub>2</sub> Article / Linguini****Unit Date** 1979-1981**box-folder** 32 (box)**Container** 4 (folder)

## **Figures for Crystal Structures**

**Unit Date** 1979

**box-folder** 32 (box)

**Container** 5 (folder)

## **Graph for the Diamond Structure**

**Unit Date** 1981

**box-folder** 32 (box)

**Container** 6 (folder)

## **Z.W: Local Topography & Geometry [Table III]**

**Unit Date** 1979-1981

**box-folder** 32 (box)

**Container** 7 (folder)

## **Crystal Structures Handwritten Manuscript**

**Unit Date** 1975-1982

**box-folder** 32 (box)

**Container** 8 (folder)

## **Distribution of Structures / Background Material for Figure 1**

**Unit Date** 1975-1979

**box-folder** 32 (box)

**Container** 9 (folder)

## **Crystal Structures Tables**

**Unit Date** 1979

**box-folder** 32 (box)

**Container** 10 (folder)

## **RZ Review of the Book Ordering in Two Dimensions**

**Unit Date** 1981

**box-folder** 32 (box)

**Container** 11 (folder)

## **Statphys Review**

**Unit Date** n.d.

**box-folder** 32 (box)

**Container** 12 (folder)

## **(CI2)2 Herschbach; Beswick & Jertner**

**Unit Date** 1979-1994

**box-folder** 32 (box)

**Container** 14 (folder)

## **Annals of the Israel Physical Society Volume 5**

**Unit Date** 1982-1983

**box-folder** 32 (box)

**Container** 15 (folder)

**Pressure-Raman Effects in Covalent and Molecular Solids by B. A. Weinstein and R. Zallen**

**Unit Date** n.d.

**box-folder** 32 (box)

**Container** 16 (folder)

**W & Z Springer Review**

**Unit Date** 1981-1987

**box-folder** 32 (box)

**Container** 17 (folder)

**Stochastic Geometry: Aspects of Amorphous Solids**

**Unit Date** 1979

**box-folder** 32 (box)

**Container** 18 (folder)

**Stochastic Geometry Photostats back from North Holland**

**Unit Date** n.d.

**box-folder** 32 (box)

**Container** 19 (folder)

**Correspondence Concerning Stochastic Geometry...**

**Unit Date** 1978-1987

**box-folder** 32 (box)

**Container** 20 (folder)

**Series XI: Material for the Physics of Amorphous Solids and the Book in Several Editions**

**Zallen, Richard. The Physics of Amorphous Solids. New York: John Wiley & Sons**

**Unit Date** 1983

**box-folder** 32 (box)

**Container** 21 (folder)

**Zallen, Richard. The Physics of Amorphous Solids. New York: John Wiley & Sons**

**Unit Date** 1998

**box-folder** 33 (box)

**Container** 1 (folder)

**Zallen, Richard. The Physics of Amorphous Solids. [Chinese Translation], Beijing: Beijing University Press**

**Unit Date** 1998

**box-folder** 33 (box)

**Container** 2 (folder)

**Zallen, Richard. The Physics of Amorphous Solids. [Hardcover Edition] New York: John Wiley & Sons**

**Unit Date** 1983

**box-folder** 33 (box)

**Container** 3 (folder)

**Zallen, Richard. The Physics of Amorphous Solids. [Polish Translation] Warszawa: Wydawnictwo Naukowe PWN**

**Unit Date** 1994

**box-folder** 33 (box)

**Container** 4 (folder)

**Zallen, Richard. The Physics of Amorphous Solids. Weinheim: Wiley-VCH**

**Unit Date** 2004

**box-folder** 33 (box)

**Container** 5 (folder)

**Manuscript Index for The Physics of Amorphous Solids**

**Unit Date** 1983

**box-folder** 33 (box)

**Container** 6 (folder)

**Fundamentals of Amorphous Semiconductors. Washington, DC: National Academy of Sciences**

**Unit Date** 1972

**box-folder** 33 (box)

**Container** 7 (folder)

**Structural Model for Amorphous Silicon and Germanium by D. E. Polk for the Office of Naval Research**

**Unit Date** 1970

**box-folder** 33 (box)

**Container** 8 (folder)

**References, Captions, and Hand Insertions**

**Unit Date** 1981-1982

**box-folder** 34 (box)

**Container** 1 (folder)

**Correspondence about Book**

**Unit Date** 1985-1998

**box-folder** 34 (box)

**Container** 2 (folder)

**Bea Shube / Correspondence about RZ Book**

**Unit Date** 1975-1988

**box-folder** 34 (box)

**Container** 3-4 (folder)

**Drafts-Chapter One**

**Unit Date** 1976-1981

**box-folder** 34 (box)

**Container** 5 (folder)

**Drafts-Chapter Two**

**Unit Date** 1974-1980

**box-folder** 34 (box)

**Container** 6 (folder)

**Scope and Contents note**

Entitled Chapter Two on folder but numbering indicates folder represents original Chapter One.

**Drafts-Chapter Three****Unit Date** 1978-1979**box-folder** 34 (box)**Container** 7 (folder)**Scope and Contents note**

Entitled Chapter Three on folder but numbering indicates folder represents original Chapter Four.

**Drafts-Percolation Chapter Four****Unit Date** 1980-1981**box-folder** 35 (box)**Container** 1 (folder)**Scope and Contents note**

Entitled Chapter Four on folder but numbering indicates folder represents original Chapter Five.

**Drafts-Chapter Five****Unit Date** 1982**box-folder** 35 (box)**Container** 2 (folder)**Drafts-Chapter Six****Unit Date** 1982**box-folder** 35 (box)**Container** 3 (folder)**Chapter One-Ink Originals****Unit Date** 1981**box-folder** 35 (box)**Container** 4 (folder)**Chapter Two-Ink Originals****Unit Date** 1982**box-folder** 35 (box)**Container** 5 (folder)**Chapter Three-Ink Originals****Unit Date** n.d.**box-folder** 35 (box)**Container** 6 (folder)**Chapter Four-Percolation Ink Originals****Unit Date** 1981**box-folder** 35 (box)**Container** 7 (folder)**Chapter Five-Ink Originals****Unit Date** n.d.**box-folder** 35 (box)**Container** 8 (folder)

## **Chapter Six-Ink Originals**

**Unit Date** n.d.

**box-folder** 35 (box)

**Container** 9 (folder)

## **Stochastic Geometry Ink Originals**

**Unit Date** n.d.

**box-folder** 35 (box)

**Container** 10 (folder)

## **Flyers-The Physics of Amorphous Solids**

**Unit Date** 1983

**box-folder** 35 (box)

**Container** 11 (folder)

## **Flyers-The Physics of Amorphous Solids**

**Unit Date** 1983

**box-folder** 35 (box)

**Container** 12 (folder)

## **The Physics of Amorphous Solids Correspondence**

**Unit Date** 1982-1990

**box-folder** 35 (box)

**Container** 13 (folder)

## **Permissions for Figures**

**Unit Date** 1980-1983

**box-folder** 35 (box)

**Container** 14 (folder)

## **Percolation Sources**

**Unit Date** 1977-1981

**box-folder** 35 (box)

**Container** 15 (folder)

## **Notes for Book**

**Unit Date** 1977-1978

**box-folder** 35 (box)

**Container** 16 (folder)

## **Glass Transitions**

**Unit Date** 1978-1982

**box-folder** 36 (box)

**Container** 1 (folder)

## **Mott Transition / Anderson Transition**

**Unit Date** 1968-1982

**box-folder** 36 (box)

**Container** 2 (folder)

**Technion Lecturer**

**Unit Date** 1968-1972

**box-folder** 36 (box)

**Container** 3 (folder)

**Bat-Sheva Lecture Notes, Haifa**

**Unit Date** 1973-1976

**box-folder** 36 (box)

**Container** 4 (folder)

**Drawings for Book**

**Unit Date** 1982

**box-folder** 36 (box)

**Container** 5 (folder)