

# Guide to the Gibbs Symposium Videorecordings

RU 115



compiled by Daniel Hartwig

January 2008

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## Collection Overview

**REPOSITORY:** Manuscripts and Archives  
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<http://www.library.yale.edu/mssa/>

**CALL NUMBER:** RU 115

**CREATOR:** Gibbs Symposium (1989 Yale University)

**TITLE:** Gibbs Symposium videorecordings

**DATES:** 1989

**PHYSICAL DESCRIPTION:** 0.5 linear feet (15 videotapes)

**LANGUAGE:** English

**SUMMARY:** The materials consist of videorecordings of the Gibbs Symposium held at Yale in 1989. The symposium was held in honor of Josiah Willard Gibbs, a leader in theoretical physics.

**ONLINE FINDING AID:** To cite or bookmark this finding aid, please use the following link: <https://hdl.handle.net/10079/fa/mssa.ru.0115>

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## Requesting Instructions

To request items from this collection for use in the Manuscripts and Archives reading room, please use the request links in the HTML version of this finding aid, available at <https://hdl.handle.net/10079/fa/mssa.ru.0115>.

To order reproductions from this collection, please go to [http://www.library.yale.edu/mssa/ifr\\_copy\\_order.html](http://www.library.yale.edu/mssa/ifr_copy_order.html). The information you will need to submit an order includes: the collection call number, collection title, series or accession number, box number, and folder number or name.

Key to the container abbreviations used in the PDF finding aid:

b.        box

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## Administrative Information

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### Conditions Governing Access

The materials are open for research.

Original audiovisual materials, as well as preservation and duplicating masters, may not be played. Researchers must consult use copies, or if none exist must pay for a use copy, which is retained by the repository. Researchers wishing to obtain an additional copy for their personal use should consult Copying Services information on the Manuscripts and Archives web site.

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## Preferred Citation

Gibbs Symposium Videorecordings (RU 115). Manuscripts and Archives, Yale University Library.

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## Processing Information

Yale University records are arranged and described at the accession level by the creating office. The University Archives creates collection level descriptive records, but typically does no further arrangement and description at the accession level.

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## Scope and Contents

The materials consist of videorecordings of the Gibbs Symposium held at Yale in 1989. The symposium was held in honor of Josiah Willard Gibbs, a leader in theoretical physics.

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## General note

Forms part of Yale Record Group 50 (YRG 50), Records of conferences and symposia at Yale.

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## Arrangement

The materials are arranged by session.

## Collection Contents

### Accession 1990-A-037: Gibbs Symposium [videorecordings], 1989

b. 1	Benno C. Schmidt, Jr., President, Yale University, opening remarks <i>1 Videocassette (VHS)</i>	1989 May 15
b. 1	Martin J. Klein, Yale University, "Gibbs' Physics in Historical Context" <i>1 Videocassette (VHS) 1:00:00 Duration (HH:MM:SS.mmm)</i> As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.	1989 May 15
b. 2	Arthur Wightman, Princeton University, "On the Prescience Gibbs," videotapes (VHS) <i>1 Videocassette (VHS) 0:51:41 Duration (HH:MM:SS.mmm)</i> As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.	1989 May 15
b. 3	Michael E. Fisher, University of Maryland, "Phases and Phase Diagrams," videotapes (VHS) <i>1 Videocassette (VHS) 1:00:00 Duration (HH:MM:SS.mmm)</i> As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.	1989 May 15
b. 4	Robert P. Langlands, Institute for Advanced Study, "Pure Mathematics from the Mathematics of Physics: The Rise of representation Theory and its Role in Number Theory" <i>1 Videocassette (VHS) 0:48:34 Duration (HH:MM:SS.mmm)</i> As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.	1989 May 15
b. 5	Jürg Fröhlich, ETH, Zurich, "Theory of Critical Points in Statistical Mechanics" <i>1 Videocassette (VHS) 1:01:00 Duration (HH:MM:SS.mmm)</i> As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.	1989 May 15
b. 6	Irwin Oppenheim, Massachusetts Institute of Technology, "Ensembles vs. Assemblies and the Approach to Equilibrium" <i>1 Videocassette (VHS) 0:53:27 Duration (HH:MM:SS.mmm)</i> As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.	1989 May 15

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- b. 7            B. Widom, Cornell University, "Two Ideas from Gibbs: The Entropy Inequality and the Dividing Surface"            1989 May 16  
*1 Videocassette (VHS) 1:01:00 Duration (HH:MM:SS.mmm)*  
As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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- b. 8            C. Fefferman, Princeton University, "Rigorous Results on the Gibbs Ensemble for Coulomb Systems"  
*1 Videocassette (VHS) 1:00:00 Duration (HH:MM:SS.mmm)*  
As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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- b. 8            V.I. Arnold, Steklov Institute, Moscow, "Contact Geometry: The Geometrical Method of Gibbs' Thermodynamics" (part 1)  
*1 Videocassette (VHS) 1:01:00 Duration (HH:MM:SS.mmm)*  
As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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- b. 9            V.I. Arnold, Steklov Institute, Moscow, "Contact Geometry: The Geometrical Method of Gibbs' Thermodynamics" (part 2)  
*1 Videocassette (VHS) 0:53:21 Duration (HH:MM:SS.mmm)*  
As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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- b. 10           Raymond Jeanloz, University of California, Berkeley, "Innerspace: Earth's Deep Mangle and Core"  
*1 Videocassette (VHS) 0:48:07 Duration (HH:MM:SS.mmm)*  
*Audio is distorted on the original recording.*  
As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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- b. 11           Charles F. Stevens, Yale University, "Echoes of Gibbs in Contemporary Neurobiology"  
*1 Videocassette (VHS) 1:03:00 Duration (HH:MM:SS.mmm)*  
As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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- b. 12           A.M. Polyakov, Landau Institute, Moscow, "Statistical Mechanics of Random Surfaces"  
*1 Videocassette (VHS) 1:03:00 Duration (HH:MM:SS.mmm)*  
As a preservation measure, original materials as well as preservation and duplicating masters, may not be used. Researchers must consult digital access copies. Contact Manuscripts and Archives at [beinecke.library@yale.edu](mailto:beinecke.library@yale.edu) to request access.
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|-------|---|-------------|
| b. 13 | <p>S. Chandrasekhar, University of Chicago, "How One May Explore the Physical Content of General Relativity"<br/><i>1 Videocassette (VHS) 0:51:55 Duration (HH:MM:SS.mmm)</i></p> <p>As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.</p> | 1989 May 17 |
| b. 14 | <p>Paul Samuelson, Massachusetts Institute of Technology, "Gibbs in Economics"<br/><i>1 Videocassette (VHS) 0:51:50 Duration (HH:MM:SS.mmm)</i></p> <p>As a preservation measure, original materials, as well as preservation and duplicating masters, may not be used. Digital access copies must be provided for use. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access.</p>                               | 1989 May 17 |
| b. 15 | <p>C.N. Yang, State University of New York, Stony Brook, "Genesis of Maxwell's Equations"<br/><i>1 Videocassette (VHS)</i></p>  | 1989 May 17 |

## **Selected Search Terms**

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

### **Subjects**

Thermodynamics -- Congresses

### **Genres / Formats**

Videotapes

### **Names**

Gibbs, J. Willard (Josiah Willard), 1839-1903 --  
Congresses

### **Corporate Body**

Gibbs Symposium (1989 Yale University)

### **Contributors**

Gibbs Symposium (1989 Yale University)  
Arnol'd, V. I. (Vladimir Igorevich), 1937-2010  
Chandrasekhar, S. (Subrahmanyam), 1910-1995  
Fefferman, Charles, 1949-  
Fisher, Michael E. (Michael Ellis), 1931-  
Fröhlich, Jürg  
Jeanloz, R. (Raymond)  
Klein, Martin J.  
Langlands, Robert P., 1936-  
Oppenheim, Irwin, 1929-2014  
Polyakov, A. M.  
Samuelson, Paul A. (Paul Anthony), 1915-2009  
Schmidt, Benno C., 1942-  
Stevens, Charles F., 1934-  
Widom, B.  
Wightman, A. S.  
Yang, Chen Ning, 1922-