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Vol.1 No.1  
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- Feb-1998. **Enhancement of Wildlife Habitat on Private Lands.** *Decker, Daniel J.; Kelley, John W.; Goff, Gary R.; Schneider, Rebecca; Smith, Charles R.; Curtis, Paul D.*
- 27-Jan-2004. **Enrico Fermi-The Master Scientist.** *Orear, Jay*
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- 29-Jan-2004. **A History of Computing at Cornell-Chapter 1.** *Rudan, John W.*
- Aug-2000. **The Homeowner's Lawn Care and Water Quality Almanac.** *Gussack, Eva; Rossi, Frank S.*
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- Oct-2000. **Managing White-tailed Deer in Suburban Environments.** *DeNicola, Anthony J.; VerCauteren, Kurt C.; Curtis, Paul D.; Hyngstrom, Scott E.*
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1999. **Dale Corson-Cornell's Good Fortune.** Videography: Brian Steblen Associate Producer: Carole Stone Narrator: Molly Cummings Animator: Dan Lansing Brumley Produced by the Office of Communication Strategies, a division of University Relations, Cornell University in association with Rose Films, Inc.; Hershey, Edward

1995. **"I Can Do That!" Hans Bethe's First 60 Years at Cornell.** For Rose Films, Inc. Directed and Edited by David H. Rose Camera: Michael Champlin Additional Camera: Slawomir Grunberg Sound: David Huntley, Bill Shakleton; Hershey, Edward

1999. **Quantum Physics Made (Relatively) Simple: Personal and Historical Perspectives of Hans Bethe.** Allmendinger, Michael

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### 1. Books and Articles

**Title:** [Applications, Basics, and Computing of Exploratory Data Analysis](#)

**Authors:** Velleman, Paul F. Hoaglin, David C.

**Keywords:** stem-and-leaf displays letter-value displays boxplots x-y plotting resistant line smoothing data coded tables median polish rootograms computer graphics utility programs programming conventions minitab implementation

**Issue Date:** 1981

**Publisher:** (formerly) Duxbury Press

**Abstract:** This book provides an introduction to the methods of exploratory data analysis as originally developed by John Tukey. For each of nine methods it discusses and illustrates the methods, provides background derivations and explanations, and presents programs in Fortran and BASIC. For most of these methods, this was the first source of such programs.

**URI:** <http://hdl.handle.net/1813/78>

**ISBN:** 0-87150-409-X

**Appears in Collections:** Books and Articles

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A-B-C\_of\_EDA\_040127.pdf 6907Kb Adobe PDF

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[digital@cornell.edu](mailto:digital@cornell.edu) (Cornell Business Services EDA ms)

ABC's of EDA provides an introduction to the methods of exploratory data analysis as originally developed by John Tukey. For each of nine methods it discusses and illustrates the methods, provides background derivations and explanations, and provides programs in Fortran and BASIC. For most of these methods, this was the first source of such programs.

**Title:** [Cornell Guide to Growing Fruit at Home](#)

**Authors:** Eames-Sheavly, Marcia Pritts, Marvin Cramer, Craig Bushway, Lori Merwin, Ian Reisinger, Richard McKay, Steven

**Keywords:** tree fruits grapes strawberries brambles blueberries currants gooseberries elderberries kiwi fruit pruning pest management

**Issue Date:** May-2003

**Publisher:** Cornell Cooperative Extension

**Abstract:** Growing fruit at home can be an enjoyable activity that provides nutritious food for your family. This publication describes how to choose the best varieties; select sites; prepare soil; plant, prune and train shrubs and trees; and deal with diseases and pests.

**URI:** <http://hdl.handle.net/1813/67>

**ISBN:** 1-57753-302-x

**Appears in Collections:** Books and Articles

**Files in This Item:**

**File Size Format**

Cornell Guide to Growing Fruit 1886Kb Adobe PDF

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**Title:** [Designing Child Care Settings: A Child-Centered Approach](#)

**Authors:** Maxwell, Lorraine E.

**Keywords:** child care environment child care developmental goals evaluating child care settings child care site selection

**Issue Date:** May-1998

**Publisher:** Cornell Cooperative Extension

**Abstract:** This manual is designed to help child care providers (including directors and staff of day care centers, Head Start centers, nursery schools, and family child care) design indoor and outdoor settings for infants, toddlers, preschoolers, and younger school-age children. It stresses the importance of the physical environment on influencing children's experiences. The manual also contains information on designing a new center and working with an architect.

**URI:** <http://hdl.handle.net/1813/69>

**ISBN:** 1-57753-232-5

**Appears in Collections:** Books and Articles

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Designing Child Care Settings 1677Kb Adobe PDF

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**Title:** [Enhancement of Wildlife Habitat on Private Lands](#)**Authors:** Decker, Daniel J. Kelley, John W. Goff, Gary R. Schneider, Rebecca Smith, Charles R. Curtis, Paul D.**Keywords:** benefits of wildlife enhancement elements of wildlife enhancement problems of wildlife enhancement brush shelters nest structures living brush piles den and cavity tree preservation feeding stations water projects planting and plants creating and maintaining openings managing odd areas and corridors**Issue Date:** Feb-1998**Publisher:** Cornell Cooperative Extension**Abstract:** This publication describes methods to enhance wildlife populations on private lands. It includes illustrations and instructions for 10 low-cost to moderate-cost projects to provide desirable habitats. Many of the projects are applicable for urban parks, suburban backyards, and rural areas. It also introduces the concept of protecting biological diversity through ecosystem management.**URI:** <http://hdl.handle.net/>

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call 607/255-2080

**Title:** [Enrico Fermi-The Master Scientist](#)

**Authors:** Orear, Jay

**Issue Date:** 27-Jan-2004

**Abstract:** Cornell Emeritus Professor Jay Orear discusses his relationship with his former professor and mentor Enrico Fermi. The book also includes discussions of Fermi by other scientists, most of whom presented their papers at various symposia honoring Fermi's career.

**URI:** <http://hdl.handle.net/1813/74>

**Appears in Collections:** Books and Articles

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**File Size Format**

Enrico Fermi?The Master Scienti 3826Kb Adobe PDF

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[digital@cornell.edu](mailto:digital@cornell.edu) (Cornell Business Services Fermi ms)

Cornell emeritus professor Jay Orear discusses his relationship and experiences with his former professor and mentor Enrico Fermi. The book also includes discussions of Fermi by other scientists, most of whom presented their papers at various symposia honoring Fermi's career.

**Title:** [The First-Year Experience: A Guide to Best Practices at Cornell University](#)

**Authors:** Earle, Brian O.

**Keywords:** first-year students welcome letters faculty advising peer advising student orientation

**Issue Date:** 20-Jan-2004

**Abstract:** A survey of Cornell University students indicated that many feel isolated and are dissatisfied with their interactions with faculty and with other students. This paper looks at current best practices at Cornell in order to make the first-year experience more enjoyable for Cornell students.

**URI:** <http://hdl.handle.net/1813/73>

**Appears in Collections:** Books and Articles

**Files in This Item:**

**File Size Format**

The First-year Experience 123Kb Adobe PDF

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[digital@cornell.edu](mailto:digital@cornell.edu) (Cornell Business Services First Year ms)

Cornell communications faculty member Brian Earle discusses the experiences of first-year students at Cornell. Topics discussed include pre- and post-acceptance communications, student orientation, faculty / student relationships, and departmental responsibilities toward new students.

**Title:** [A History of Computing at Cornell-Chapter 1](#)

**Authors:** Rudan, John W.

**Keywords:** punch cards digital computers record systems machine records

**Issue Date:** 29-Jan-2004

**Abstract:** The early years (1949 and earlier) of computing at Cornell is described. It includes descriptions of punch cards and related equipment from the 1920s.

**URI:** <http://hdl.handle.net/1813/82>

**Appears in Collections:** Books and Articles

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**File Size Format**

Rudan\_Computing\_001.pdf 452Kb Adobe PDF

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[digital@cornell.edu](mailto:digital@cornell.edu) (Cornell Business Services Computing Hist ms)

The origination and development of computing at Cornell is described, focusing on the central computing organizations, but where possible, indicating other computing installations on campus. The manuscript is organized by decades and describes the beginning days with the use of punch cards and related equipment from the 1920s, up to the installation of the first digital computer in 1953, then the transition from computing to information technology and ends with the Year 2000 (Y2K) non-event. An appendix provides timelines for the organizations, the leadership and advisory boards, and the evolving computing and communications services.

**Title:** [The Homeowner's Lawn Care and Water Quality Almanac](#)

**Authors:** Gussack, Eva Rossi, Frank S.

**Keywords:** weed control core aeration grass selection lawn equipment maintenance lawn fertilization growing grass in shade growing grass in sun lawn insect pests lawn diseases proper pesticide use lawn watering lawn mowing water quality assessment yard waste identifying pollutants

**Issue Date:** Aug-2000

**Publisher:** Cornell Cooperative Extension

**Abstract:** All land is in a watershed. Therefore, lawn care practices have a direct impact of the quality of water in a watershed. This publication provides a month-by-month plan for lawn care that results in a healthy lawn while preventing environmental damage.

**URI:** <http://hdl.handle.net/1813/68>

**ISBN:** 1-57753-272-4

**Appears in Collections:** Books and Articles

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**File Size Format**

Lawn Care and Water Quality Alm 4531Kb Adobe PDF

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or call 607/255-2080

**Title:** [The Incomplete Guide to the Art of Discovery](#)

**Authors:** Oliver, Jack E.

**Keywords:** about discovery strategy for discovery tactics for discovery personal traits and attitudes for discoverers

**Issue Date:** 1991

**Publisher:** Columbia University Press

**Abstract:** Cornell emeritus professor Jack Oliver draws on his nearly 50 years as a scientist to explore the strategies, tactics, and personal traits and attitudes necessary for fruitful scientific discovery.

**URI:** <http://hdl.handle.net/1813/83>

**ISBN:** 0-231-07621-5

**Appears in Collections:** Books and Articles

**Files in This Item:**

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Art\_of\_Discovery\_040130.pdf 19734Kb Adobe PDF

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[digital@cornell.edu](mailto:digital@cornell.edu) (Cornell Business Services Discovery ms)

Cornell emeritus professor Jack Oliver draws on his nearly 50 years as a scientist to explore the strategies, tactics, and personal traits and attitudes necessary for fruitful scientific discovery.

**Title:** [It All Adds Up](#)

**Authors:** Bristow, Barbara J.

**Keywords:** savings accounts using credit checking accounts understanding advertising developing consumer skills shopping at home

**Issue Date:** May-1998

**Publisher:** Cornell Cooperative Extension

**Abstract:** This manual is a consumer education program for teens. It provides a basic understanding of the responsible handling of money, including savings and checking accounts, shopping, understanding the role of advertising, and using credit. The intended audience is 13- to 19-year-olds.

**URI:** <http://hdl.handle.net/1813/70>

**ISBN:** 1-57753-286-4

**Appears in Collections:** Books and Articles

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or call 607/255-2080

**Title:** [Know Your Trees](#)**Authors:** Cope, J. A. Winch, Fred E. Jr. Cope, E. A.**Keywords:** alternate blade chambered pith compound leaves deciduous entire lanceolate leaflet leaf scar linear lobed margin midrib node oblique opposite ovate palmate persistent pinnate serrate simple leaves spur terminal bud thorn truncate**Issue Date:** 1948**Publisher:** Cornell Cooperative Extension**Abstract:** This publication describes 50 common trees native to New York State and other parts of the United States. The bark, twigs, winter buds, leaves, fruit, and distinguishing features of each are described in detail. Illustrations enhance the reader's ability to study the trees in their natural settings.**URI:** <http://hdl.handle.net/1813/86>**ISBN:** 1-57753-301-1**Appears in Collections:** Books and Articles**Files in This Item:****File Size Format**

art.pdf 7396Kb Adobe PDF

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or call 607/255-2080

**Title:** [Knowledge, Perception, and Memory](#)

**Authors:** Ginet, Carl

**Keywords:** knowledge truth confidence justification external conclusiveness perceptual facts perceptual knowledge memory knowledge senses memory

**Issue Date:** 1975

**Publisher:** D. Reidel Publishing Co.

**Abstract:** This book attempts a general definition of what it is to know that a thing is so. The book gives accounts of two fundamentally important kinds of knowledge: that based on perception and that based on memory. Regarding the justification of claims to know, it takes a fundamentalist approach.

**URI:** <http://hdl.handle.net/1813/81>

**ISBN:** 9-02770-574-7

**Appears in Collections:** Books and Articles

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**Title:** [Lecture Notes on Nonlinear Vibrations](#)**Authors:** Rand, Richard H.**Keywords:** phase plane Duffing oscillator van der Pol oscillator forced Duffing Oscillator forced van der Pol oscillator Mathieu's Equation Ince's Equation two coupled conservative oscillators two coupled limit-cycle oscillators center manifolds N coupled limit-cycle oscillators continuum of coupled conservative oscillators Melnikov's Method for predicting chaos**Issue Date:** 28-Jan-2004**Abstract:** Cornell engineering professor Richard Rand has collected his lecture notes covering 13 topics related to nonlinear vibrations.**URI:** <http://hdl.handle.net/1813/79>**Appears in Collections:** Books and Articles**Files in This Item:****File Size Format**

nlvibe45\_040205.pdf 1142Kb Adobe PDF

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Cornell engineering professor Richard Rand has collected his lecture notes covering 13 topics related to nonlinear vibrations.

**Title:** [Managing Canada Geese in Urban Environments](#)

**Authors:** Smith, Arthur E. Craven, Scott R. Curtis, Paul D.

**Keywords:** Canada goose management Canada goose biology Canada goose habitats Canada goose reproduction management

**Issue Date:** Sep-2000

**Publisher:** Cornell Cooperative Extension

**Abstract:** In many areas of the United States and Canada, the Canada goose has adapted to urban landscapes, foraging on mowed lawns and nesting near ponds and reservoirs. Geese may congregate at parks, golf courses, and athletic fields and create nuisance situations. This manual helps wildlife professionals, turfgrass managers, and homeowners select appropriate management strategies for alleviating problems caused by resident, nonmigratory geese.

**Description:** This manual complements the video, Suburban Goose Management, Searching for Balance, which can be obtained from the Cornell University Resource Center. Phone 607-255-2090 or email [resctr@cornell.edu](mailto:resctr@cornell.edu).

**URI:** <http://hdl.handle.net/1813/66>

**ISBN:** 1-57753-255-4

**Appears in Collections:** Books and Articles

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Managing Canada Geese 380Kb Adobe PDF

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or call 607/255-2080

**Title:** [Managing White-tailed Deer in Suburban Environments](#)

**Authors:** DeNicola, Anthony J. VerCauteren, Kurt C. Curtis, Paul D. Hyngstrom, Scott E.

**Keywords:** deer management deer-vehicle collisions deer ecology nonlethal deer management deer population reduction deer damage control

**Issue Date:** Oct-2000

**Publisher:** Cornell Cooperative Extension

**Abstract:** Deer populations in suburban environments are soaring, resulting in an increase in deer-related conflicts such as property damage, vehicle collisions, and altered forest ecology. This publication describes strategies and methods for controlling deer populations in suburban environments and provides extensive resource contacts and a list of state wildlife agencies.

**URI:** <http://hdl.handle.net/1813/65>

**ISBN:** 1-57753-296-1

**Appears in Collections:** Books and Articles

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Managing White-tailed Deer 20767Kb Adobe PDF

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**Title:** [Prevention of Youth Violence](#)**Authors:** Haugen, Heidi L.**Keywords:** children at risk risk factors resiliency factors violence prevention strategy selecting prevention programs risk assessment anger management conflict resolution crisis intervention dating violence gang violence mentoring programming self-esteem programming social skills programming**Issue Date:** Feb-2000**Publisher:** Cornell Cooperative Extension**Abstract:** This publication is designed to assist those who provide programs aimed at preventing violence among young people. In an analysis of the problem and literature review, it discusses risk factors that lead to violence, strategies for preventing violence, implementing prevention programs, and categories of prevention programs. An extensive annotated bibliography lists and describes books, videos, and other programs that serve as resources for those implementing a program to prevent youth violence.**URI:** <http://hdl.handle.net/1813/71>**ISBN:** 1-57753-222-8**Appears in Collections:** Books and Articles**Files in This Item:****File Size Format**

Prevention of Youth Violence 1404Kb Adobe PDF

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**Title:** [Shakespeare Got It Wrong, It's Not "To Be," It's "To Do." The Autobiographical Memoirs of a Lucky Geophysicist.](#)

**Authors:** Oliver, Jack E.

**Issue Date:** 2000

**Publisher:** Northeastern Geology and Environmental Sciences

**Abstract:** Cornell Emeritus Professor Jack Oliver reflects, often quite humorously, on his life and career. Includes stories of his boyhood in Ohio, his college days at Columbia, and his years teaching and conducting research at Cornell. Also includes discussions of his breakthrough work in plate tectonics.

**URI:** <http://hdl.handle.net/1813/75>

**Appears in Collections:** Books and Articles

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Shakespeare\_Got\_It\_Wrong-It's\_N.pdf 735Kb Adobe PDF

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[digital@cornell.edu](mailto:digital@cornell.edu) (Cornell Business Services To Do ms)

Cornell emeritus professor Jack Oliver reflects, often quite humorously, on his own career, from his student days at Columbia to his many years teaching and conducting research at Cornell.

**Title:** [Waste Management at the Construction Site](#)

**Authors:** Laquatra, Joseph Pierce, Mark R.

**Keywords:** waste management construction debris

**Issue Date:** Apr-2002

**Publisher:** Cornell Cooperative Extension

**Abstract:** The construction of a single-family home typically produces more than two tons of debris. This material is becoming increasingly difficult and expensive to discard. This publication assists builders in determining both cost-effective and environmentally sound methods for handling and disposing of construction waste.

**URI:** <http://hdl.handle.net/1813/64>

**Appears in Collections:** Books and Articles

**Files in This Item:**

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Waste Management at the Constr 3911Kb Adobe PDF

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## 2. Multimedia and Videos

**Title:** [Dale Corson-Cornell's Good Fortune](#)

**Authors:** Videography: Brian Steblen Associate Producer: Carole Stone Narrator: Molly Cummings Animator: Dan Lansing Brumley Produced by the Office of Communication Strategies, a division of University Relations, Cornell University in association with Rose Films, Inc. Hershey, Edward

**Keywords:** Dale Corson Cornell University History Cornell University Physics Department College of Engineering Provost University President

**Issue Date:** 1999

**Publisher:** Cornell University

**Abstract:** This video chronicles the life of Cornell President Emeritus Dale Corson, from his boyhood and college years in Kansas to his distinguished career at Cornell. Commentary by various Cornell colleagues includes discussion of Corson's roles as Chair of the Physics Department, Dean of the College of Engineering, Provost, and President. The program also looks at Corson's very active post-retirement life, including his role in the creation of the Kendal at Ithaca retirement community.

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**Description:** Executive Producer: Edward Hershey, Cornell Communications and Marketing Services; Associate Producer, David H. Rose

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<http://www.real.com/freeplayer/?rppr=rnwk>

(DVD is not available.)

**Title: "I Can Do That!" Hans Bethe's First 60 Years at Cornell**

**Authors:** For Rose Films, Inc. Directed and Edited by David H. Rose Camera: Michael Champlin Additional Camera: Slawomir Grunberg Sound: David Huntley, Bill Shakleton Hershey, Edward

**Keywords:** Hans Bethe biography Cornell University Dale Corson Robert Wilson John Bachall Sylvan Schweber Edwin Salpeter

**Issue Date:** 1995

**Publisher:** Department of Physics, Cornell University

**Abstract:** This video provides a brief overview of Hans Bethe's life and career, from his childhood and early career in Germany to his 60 years at Cornell. Colleagues Dale Corson, Robert Wilson, John Bachall, Sylvan Schweber, and Edwin Salpeter reflect on Bethe's role in putting Cornell's Physics Department on the international physics scene, his Nobel Prize, his days at Los Alamos and later anti-weapons stance, his involvement in Cornell politics, and his remarkable productivity that continued well into his 80s.

A streaming video version of this file, designed for high speed networks, is available at

[http://streaming1.video.cornell.edu:8080/ramgen/bethe/can\\_do.rm](http://streaming1.video.cornell.edu:8080/ramgen/bethe/can_do.rm).

Copyright (1995) Department of Physics, Cornell University

**Description:** Executive Producer: Edward Hershey, Cornell Communications and Marketing Services Associate Producer: Robert Rieger

**URI:** <http://hdl.handle.net/1813/84>

**Appears in Collections:** Multimedia and Videos

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CAN\_DO.RM 37628Kb RealMedia Player

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<http://www.real.com/freeplayer/?rppr=rnwk>

(DVD is not available.)

**Title:** [Quantum Physics Made \(Relatively\) Simple: Personal and Historical Perspectives of Hans Bethe](#)**Authors:** Allmendinger, Michael**Issue Date:** 1999**Publisher:** Educational Television Center, Cornell University**Abstract:** In 1999, the legendary theoretical physicist Hans Bethe delivered three lectures to his neighbors at the Kendal of Ithaca retirement community. The lectures are presented with Dr. Bethe's notes and archival material. An introduction and appreciation is provided by Professor Silvan S. Schweber, the noted science historian who is also Dr. Bethe's biographer, and Edwin E. Salpeter, the J. G. White Distinguished Professor of Physical Science Emeritus at Cornell, who was a post-doctoral student of Dr. Bethe's. Running Time:

Approximately 180 minutes

**URI:** <http://hdl.handle.net/1813/80>**Appears in Collections:** Mulitmedia and Videos**Files in This Item:****File Description Size Format**

Bethe\_Lecture\_Part4.mov 47539Kb Video QuickTime

Bethe\_Lecture\_Part3.mov 115214Kb Video QuickTime

Bethe\_Lecture\_Part2.mov 99232Kb Video QuickTime

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The legendary theoretical physicist Hans Bethe delivered three lectures to his neighbors at the Kendal at Ithaca retirement community. The lectures, videotaped by a Cornell University television crew, are presented with Dr. Bethe's notes, archival material, and an introduction and appreciation by Professor Silvan S. Schweber, noted science historian who is Dr. Bethe's biographer, and Edwin E. Salpeter, J. G. White Distinguished Professor of Physical Science Emeritus at Cornell who was a post-doctoral student of Dr. Bethe's.

The footage was taped at Kendal at Ithaca in 1999. Michael Allmendinger is producer/director; Edward Hershey, executive producer; and Dale Corson, technical advisor