Guide to the
Benjamin Shackelford
Papers 1913-1915

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Descriptive Summary

Identifier: ICU.SPCL.SHACKELFORD
Title: Shackelford, Benjamin. Papers
Date: 1913-1915
Size: .5 linear (1 box)
Repository: Special Collections Research Center
University of Chicago Library
1100 East 57th Street
Chicago, Illinois 60637 U.S.A.

Abstract: Benjamin Shackelford, student. The Benjamin Shackelford papers consist of lecture notes taken while Shackelford was a graduate student in Physics at the University of Chicago (1915-1917). The collection includes notes from classes given by Frederick Lindemann, Albert Abraham Michelson, Robert Andrews Millikan, Arthur Lunn, and Gilbert Bliss.

Information on Use
Access
No restrictions.

Citation
When quoting material from this collection, the preferred citation is: Shackelford, Benjamin. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

Biographical Note
Benjamin Estill Shackelford was born in Richmond, Montana. He received his A.B. from the University of Montana in 1912. Shackelford went on to study mathematics and physics at the University of Chicago, receiving his Ph.D. in 1916 under the direction of Robert Milliken. Shackelford's thesis was titled, "Temperature and Blackening Effects in Helical Tungsten Filaments."

Scope Note
The Benjamin Shackelford papers consist of lecture notes taken while Shackelford was a graduate student in Physics at the University of Chicago (1915-1917). The collection includes notes from classes given by Frederick Lindemann, Albert Abraham Michelson, Robert Andrews Millikan, Arthur Lunn, and Gilbert Bliss.

Related Resources
The following related resources are located in the Department of Special Collections:

http://www.lib.uchicago.edu/e/spcl/select.html

**Subject Headings**

- Bliss, Gilbert Ames, 1876-1951
- Cherwell, Frederick Alexander Lindermann, Viscount, 1886-1957
- Lunn, Arthur C. (Arthur Constant), b. 1877
- Michelson, Albert Abraham, 1852-1931
- Millikan, Robert Andrews, 1868-1953
- Shackelford, Benjamin Estill
- Lecture notes

**INVENTORY**

- Box 1
  - Folder 1
    - Lindermann Notes, 1913
  - Box 1
  - Folder 2
    - Radiation Notes, 1913
  - Box 1
  - Folder 3
    - Vector Analysis Notes, 1914
  - Box 1
  - Folder 4
    - Bliss, Complex Variables Notes, 1914
  - Box 1
  - Folder 5
    - Michelson, Physical Optics Notes, 1914
  - Box 1
  - Folder 6
    - Michelson, Electromagnetic Theory Notes, 1915
  - Box 1
  - Folder 7
    - Michelson, Electromagnetic Theory Notes, Spring 1915
  - Box 1
  - Folder 8
    - Bliss, Definite Integrals Notes, 1915
  - Box 1
  - Folder 9
    - Milliken, Thermodynamics Notes, 1915
  - Box 1
  - Folder 10
    - Milliken, Kinetic Theory Notes, 1915
Box 1
Folder 11
   Lunn Notes, 1915
Box 1
Folder 12
   Milliken, Electron Theory Notes, 1915
Box 1
Folder 13
   Alternating Currents Notes, 1916
Box 1
Folder 14
   Michelson, Wave Motion Notes, 1916