Guide to the Eliakim Hastings Moore Papers 1899-1931

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Descriptive Summary

Identifier ICU.SPCL.MOOREEH

Title Moore, Eliakim Hastings. Papers

Date 1899-1931

Size 8.5 linear feet (17 boxes)

Repository Special Collections Research Center
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Chicago, Illinois 60637 U.S.A.

Abstract Eliakim Hastings Moore (1862-1932) served as chairman of the Mathematics Department from its founding in 1892 until his retirement in 1931. After Moore received his doctorate from Yale in 1885, he taught at that university and Northwestern before being called to Chicago. One of the seminal mathematicians of his day, Moore produced over seventy studies on the subjects of general analysis, geometry and foundations, group theory, integral equations and general analysis, and function theory.

Information on Use

Access No restrictions

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

Biographical Note

Eliakim Hastings Moore (1862-1932) served as chairman of the Mathematics Department from its founding in 1892 until his retirement in 1931. After Moore received his doctorate from Yale in 1885, he taught at that university and Northwestern before being called to Chicago. Undoubtedly, he was one of the seminal mathematicians of his day. During his life, Moore produced over seventy published and unpublished studies on the subjects of general analysis, geometry and foundations, group theory, integral equations and general analysis, and function theory. Many of Moore’s students made significant contributions to mathematics. T. H. Hildebrandt, E. T. Bell, H. L. Slaught, and Oswald Veblen, to name a few, stood as a tribute to Professor Moore’s influence and teaching ability. In addition, Moore held presidencies in the American Association for the Advancement of Science, the American Mathematical Society, and was influential in the founding of the Mathematical Association of America.
Scope Note
The collection is divided into six series. Series I, Correspondence, 1889-1931; Series II, University of Chicago, contains University correspondence and Mathematics Department material, Series III, Student Notes, taken in courses taught by Moore, reprints of published articles, and a large body of Moore’s own notes. Much of the correspondence is highly technical, composed of mathematical expressions. The fifty reprints scan the entire range of Moore’s mathematical interest.

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
• Bell, Eric Temple, 1883-1960
• Bolza, O. (Oskar), 1857-1942
• Dines, Charles Ross, b. 1887
• Hildebrandt, Theophil Henry, 1888-
• Moore, Eliakim Hastings, 1862-1932
• Russell, Bertrand, 1872-1970
• Veblen, Oswald, 1880-1960
• University of Chicago. Dept. of Mathematics
• Mathematicians
• Lecture notes

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• "Betweenness Assumptions", the American Mathematical Monthly, Vol. IX, (June-July, 1902) 152-153
• "Congruence-Group of Order, 360 Contained in the Group of Linear Fractional Substitutions", American Association for the Advancement of Science, Proceedings, Vol. XLI (1892)

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• "Cross-Section Paper as a Mathematical Instrument," School Science and Mathematics

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• "Definition of Abstract Groups," The American Mathematical Society, Transactions, Vol. 3, No. 4 (October, 1902) 85-902
• "Definition by a System of Functional Properties of the Function f(z)=sin\frac{z}{\lambda}," Annals of Mathematics, (August, 1894)

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• "Extensions of Certain Theorems of Clifford and of Cayley in the Geometry of n Dimensions," Connecticut Academy, Transactions, Vol. VII (1885)
• "Form of General Analysis with Application to Linear Differential and Integral Equations," Atti Matematici, (April, 1908)

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• "Foundations of Mathematics," Science, Vol. XVII, No. 428 (March 13, 1903) 401-416

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- "Power Series in General Analysis," Mathematische Annalen, Band 86, Heft 1/2 (1922)

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- "Subgroups of the Generalized Finite Modular Group," The Decennial Publications, Chicago; The University of Chicago Press, 1903

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• "Transcendentally Transcendental Functions," Mathematische Annalen, Sonderabdruck aus dem 48. Bande

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• "Triple Systems, Concerning," Mathematische Annalen, Sonderabdruck aus dem 43. Bande
• "Universal Invariant for Finite Groups of Linear Substitutions; with Application in the Theory of the Canonical Form of a Linear Substitution of the Finite Period" Mathematische Annalen, Sonderabdruck aus dem 50. Bande

Series V: E.H. Moore Notes

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