George William Hill papers4078897

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Summary Information

Repository:	Rare Book and Manuscript Library
Creator:	Hill, George William, 1838-1914
Title:	George William Hill papers
ID:	4078897
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Date [inclusive]:	1900
Physical Description:	2 boxes 2 boxes
Language of the Material:	English .

Preferred Citation

Identification of specific item; Date (if known); George William Hill papers; Box and Folder; Rare Book and Manuscript Library, Columbia University Library.

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Biographical / Historical

American astronomer, lecturer at Columbia University, 1898-1901.

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Summary

Manuscripts of articles and essays, published and unpublished by Hill. The manuscripts relate to topics in celestial mechanics and astronomy. Also, a manuscript of his Canadian trip: Account of a trip from Lake Superior to James Bay, 1880.

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Arrangement

Arranged.

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Administrative Information

Publication Statement

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Revision Description

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Immediate Source of Acquisition

Source of acquisition--Hill, George William. Method of acquisition--Gift; Accession number--M-59.

Processing Information

Cataloged Christina Hilton Fenn 07/--/89.

Accruals

Materials may have been added to the collection since this finding aid was prepared. Contact rbml@columbia.edu for more information.

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Controlled Access Headings

- Astronomy -- Study and teaching
- Astronomy -- Research
- Celestial mechanics
- James Bay (Nunavut) -- Description and travel
- Ontario -- Description and travel
- Astronomers

Collection Inventory

Series I: Manuscripts of Articles and Essays

Scope and Contents

Includes both published and unpublished articles

Title/Description	Instances	
Attraction of the Homogeneous Spherical Segment Physical Description: 13 p. **Scope and Contents** Right One	box 1	folder 1
Attraction of the Homogeneous infinitely thin Memiscus	box 1	folder 1

Physical Description: 7 p.

The Attraction of a Homogeneous Spherical Segment Physical Description: 5 p. **Scope and Contents** Second paper	box 1	folder 1
Supplement to the Manuscript Physical Description: 5 p. **Scope and Contents** Right One	box 1	folder 1
On the Attraction of an infinitely thin and homogeneous Memiscus on an Exterior Point Physical Description: 5 p.	box 1	folder 1
For the case when… Physical Description: 6 p.	box 1	folder 1
Let it be required… Physical Description: 6 p.	box 1	folder 1
General Solution of the Problem so to represent the parts of a given Surface upon another given surface that the representation shall be similar in the smallest parts to those represented Physical Description: 20 p.	box 1	folder 2
With the ordinary notation the expression for the living force is... Physical Description: 6 p.	box 1	folder 3
Motion of two Planets in a Plane Physical Description: 7 p.	box 1	folder 3
On the Coplanar Motion of two Planets Physical Description: 7 p.	box 1	folder 3
Approximate Determination of the Perturbations of the Planets Physical Description: 4 p.	box 1	folder 4
It is often convenient to pass from one set of canonical variables to another Physical Description: 3 p.	box 1	folder 5
Claudius Ptolemy's Syntaxis, Book IX, Chap. I.	box 1	folder 6

Physical Description: 40 p.		
Ptolemy's Theory of the Sun and the Moon; various short papers Physical Description: 14 p.	box 1	folder 6
Ptolemy's Theories of the Geocentric Latitudes of the Plantets Physical Description: 11 p.	box 1	folder 6
Ptolemy's Treatment of the Planetary Theories Physical Description: 28 p.	box 1	folder 6
Claudius Ptolemy's Syntaxis, Book III, Chap. I. Physical Description: 30 p.	box 1	folder 6
Book IV, Chap. I. Physical Description: 30 p.	box 1	folder 6
We can find the value of pi… Physical Description: 18 p.	box 1	folder 7
The Secular Perturbations of the Four Outer Planets Physical Description: 12 p.	box 1	folder 8
Scheme for the Elaboration of a numerical Lunar Theory Physical Description: 15 p.	box 1	folder 9
Determination of the Lunar Inequalities which arise from the Figure of the Earth together with those which having nearly the same periods as the former result from the Action direct and indirect of the Planets Physical Description: 132 p.	box 1	folder 10
Application of the Tchebicheff Principle to Map Construction Physical Description: 15 p.	box 1	folder 11
Determination of the Inequalities of the Moon's Motion which are produced by the Figure of the Earth. A Supplement to Delaunay's Lunar Theory Physical Description: 148 p.	box 1	folder 12
Application of Tchebicheff's Principle in the Projection of Maps Physical Description: 11 p.	box 1	folder 13
Motion of a System of Material Points under the Action of Gravitation Physical Description: 46 p.	box 1	folder 14
Motion of a System of Material Points under the Action of Gravitation	box 1	folder 14

Physical Description: 19 p.

Scope and Contents

Another copy, incomplete

Account of a Trip from Lake Superior to James Bay, 1880	volume X508.3 / H552 Folio

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Series II: Lecture Notes

Title/Description	Instances
Lecture Notes	box 2

Scope and Contents

Includes "Lectures on celestial mechanics" that is also available on microfilm: see MN# 94-2030-2.

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