

Dudley Observatory Rare Book Collection

LONG FORMAT INFORMATION

Record #1 Format: Non-musical Recording

QB511 .E75 1770

Title: Auszug aus den beobachtungen welche zu Gurjef bey Gelegenheit des Durchgangs der Venus : vorbey der sonnenscheibe angestellt worden sind / durch Georg Moritz Lowitz.

Author: Lowitz, Georg Moritz, 1722-1774.

Published: St. Petersburg : Kayserlichen Academie der Wissenschaften, 1770.

Subject: Venus (Planet) --Transit, 1769.

Material: 24 p. ; 27 cm.

Note: Dudley Collection.

With: Recherches et calculs sur la vraie orbite elliptique de la comete de l'an 1769 / Anders Johann Lexell.

St. Petersburg : de l'Imprimerie de l'Academie Imperiale des sciences, 1770.

System ID no: ABQ-1879

Record #2

QB511 .E75 1770

Title: Recherches et calculs sur la vraie orbite elliptique de la Comete de l'An. 1769. et son tems periodique : executees sous la direction de Mr. Leonhard Euler / par les soins de Mr. Lexell ...

Author: Lexell, Anders Johan, 1740-1784.

Euler, Leonhard, 1707-1783.

Published: A St. Petersburg : De l'Imprimerie de l'Academie Imperiale des Sciences, 1770.

Subject: Comets --1769.

Material: 159, [1] p., II folded leaves of plates : ill. ; 25 cm.

Note: Dudley Collection.

With: Auszug aus den beobachtungen welche zu Gurjef bey Gelegenheit des Durchgangs der Venus vorbey der Sonnenschiebe angestellt worden sind. / Georg Moritz Lowitz. St. Petersburg : Kayserlichen Academie der Wissenschaften, 1770.

System ID no: ABQ-1878

Record #3

QB405 .S36 1808

Title: Kronographische Fragmente zur genauern Kenntniss des Planeten Saturn : seines Ringes und seiner Trabanten / von Johann Hieronymus Schroter.

Author: Schroter, Johann Hieronymous, 1745-1816.
Published: Gottingen : in Commission der Vandenhok Ruprechtischen
Buchhandlung, 1808.
Subject: Saturn (Planet) --Ring system.
Material: xxviii, 272 p., [2] p. of plates ; 20 cm.
Note: Dudley Collection.
Erster Teil, Beobachtungen, Folgerungen und Bemerkungen
uber den Naturbau der festen Kreisgewolbe des Saturnsringes
und seiner Atmosphäre.
System ID no: ABQ-1877

Record #4

QB581 .L45 1796

Title: Leichte und anschauliche Darstellung des Mondlaufes
und der davon abhängenden Sonnen und Mondsfinsternisse
/ [Anonymous]
Published: Nurnberg : in der Narv'schen Buchhandlung, 1796.
Subject: Moon --Orbit.
Eclipses, Lunar.
Material: 24 p., 1 folded leaf ; 17 cm.
Note: Dudley Collection.
System ID no: ABQ-1876

Record #5

QB581 .C35 1734

Title: Dissertatio de atmosphaera lunae quam / praeside M.
Davide Clausio.
Author: Clausius, Joannes David, praeses.
Kollmann, Augustus Gottlob.
Published: Vitembergae : Stanno Eichsfeldiano, [1734]
Subject: Moon.
Material: 2 v. in 1 (32 p.) ; 19 cm.
Note: Dudley Collection.
Date of presentation on t.p. is March 24, 1734.
Dissertation - (Augustus Gottlob Kollmann, respondent).
System ID no: ABQ-1875

Record #6

QB671 .W55 1795

Title: De rotatione annuli saturni : commentatio pars prior
/ I.C.D. Wildtii.
Author: Wildt, Johann Christian Daniel, 1770-1844.
Published: Hannoverae : apud fratres Hahn, 1795.
Subject: Saturn (Planet)
Material: [42] p., [1] p. of plates ; 24 cm.
Note: Dudley Collection.

System ID no: ABQ-1874

Record #7

QB41 .B47 1665

Title: Dreyfache Zugabe der admirabilium in aere et aethere
: oder wunderbaren Werke Gottes ; in der Lufft und
am gestirnten Himmel / so auff vorher erschienenen
grossen Cometen, sich noch ferner begeben / an dreyen
sonen und regenbogen. An erschrecklichen Feuer-Zeichen
und an einen neuen Cometen. Welche anderweit vor-in-und
nach denen heiligen Oster-Feyertagen dieses 1665.
Jahres observiret worden.

Author: Beufel, Tobias.

Published: Leipzig : verlegts Johann Friedrich Schneider / druks
Samuel Sporel, [1665?]

Subject: Astronomy --Early works to 1800.

Other titles: Wunderbaren Werke Gottes.

Material: [36] p., [1] p. of plates ; 20 cm.

Note: Dudley Collection.

System ID no: ABQ-1873

Record #8

QB724 .T74 1665

Title: Etliche wenige, uber den neu enstandenen schrecklichen
Cometen : auff's Papier getragene Gedancken, welcher
den 3, 4, 5, 12, 18 Decembris 1664, an unterschiedenen
Orten gesehen worden. Nebenst einem Anhang von dem
andern Cometen, so den 21, 24, und 26, und ferner erschienen.

Published: [Nueremberg?] : s.n., [c1664].

Subject: Astronomy --Early works to 1800.

Comets --1664.

Comets --1618.

Material: [20] p. ; 19 cm.

Note: Dudley Collection.

Signatures: A-C4.

Head-piece; initial.

With: Muthmarzliche Gedancken die Bedeutung des ...

A., 1664 erschienenen Cometen / Anonymous. Nuernberg
: Volf. Eberhard Felsseckern, 1665. -- Nurnbergische

Observation dess neuen Cometens / Anonymous. Nuernberg

: bie Johann Andreas Endter und Wolffgang dess Jungern

Seel. Erben, 1665. -- Cometa generalis cum Speciali,

oder Cometen-Koenig / Johann Christoph Kolhans.

Nuernberg : Wolff. Eberhard Felsseckern, [1665?]

-- Kurtze Relation und Discurs von dem Cometen des

1664 / Christoph Schorer. Ulm : bey Balthaser Ruehnen,

1665. -- Cometen/Propheten : ein Kurtzer doch ausfuehrlicher Bericht / Christianus Theophilus. Nuernberg : gedruckt bey Wolf Eberhard Felsseckern, 1665. -- Gruendliche und zu Eroerterung vieler schweren Puncten in der ganzen Stern... / Abdias Trew. Nuernberg : in verlegung Michael und Johann Friderich Endtern, 1665.

System ID no: ABQ-1872

Record #9

QB875 .M75 1715

Title: Dissertationum physicarum de natura stellarum prior / praeside Georgio Wolffg. Mullero, respondens Iohannes Wilhelmus Hartmannus.

Author: Mullerus, Georgius Wolfgang, praeses.
Hartmannus, Iohannes Wilhelmus.

Published: Jenae : typis Petri Fickelscherrii, [1715?]

Subject: Stars --Constitution.

Material: 27 p. ; 20 cm.

Note: Dudley Collection.

Presentation date on t.p. is 1715.

Iohannes Wilhelmus Hartmannus, respondent.

System ID no: ABQ-1864

Record #10

BS637 .B45 1778

Title: Biblische Zeitrechnung des alten und neuen testaments / durch Rudolph Christian von Bennigsen.

Author: Bennigsen, Rudolph Christian von, 1712-1783.

Published: Leipzig : bey Johann Samuel Heinsius, 1778.

Subject: Bible --Chronology.

Material: [276] p. ; 26 cm.

Note: Dudley Collection.

Includes index.

System ID no: ABQ-1863

Record #11

BS655 .B67 1679

Title: Exercitatio astronomica de statione Solis tempore Josuae : quam ininclyta V Vitteberg. Academia publico eruditorum examini sisunt / praeses M. Iohannes Iacobus Botsaccus.

Author: Botsaccus, Iohannes Iacobus, praeses.
Ludewig, Martinus.

Published: [Wittenberg?] : Matthaei Henckelii, 1679.

Subject: Astronomy in the Bible.

Material: [18] p. ; 19 cm.

Note: Dudley Collection.

Date of presentation on t.p. is Sept. 28, 1670.
Dissertation - Wittenberg (Martinus Ludewig, respondent)
System ID no: ABQ-1862

Record #12 Format: Non-musical Recording
QB29 .B73 1610

Title: De disciplinis mathematicis oratio : publice recitata
in Academia Hafniensi anno 1574 & nunc primum edita.
Cui additur orationum & sacrarum homiliarum in eadem
Academia & Regia Hafniensi habitarum. Decas una studio
& opera Cunradi Aslaci Bergensis.

Author: Brahe, Tycho, 1546-1601.

Published: Hafniae : apud Henricum Waldkirchium, 1610.

Subject: Astronomy --Early works to 1800.

Material: 293 p. ; 16 cm.

Note: Dudley Collection.

System ID no: ABQ-1861

Record #13

QB41 .B813 1610

Title: Tychonis Brahe ... De mvndi aetherei recentioribvs
phaenomenis, liber secvndvs cum coefaris & Regum
quorundam priuilegiis, excudi ...

Uniform title: De mundi aetherei recentioribus phaenomenis liber secundus

Author: Brahe, Tycho, 1546-1601.

Tengnagel, Franciscus Gansneb.

Published: Francofurti, apud G. Tampachium, 1610.

Subject: Comets --1577.

Other titles: De mundi aetherei recentioribus phaenomenis, liber secundus.

Material: [15], 465 p. : ill. ; 24 cm.

Note: Dudley Collection.

Colophon: Pragae Bohemorum, absoluebatur typis Schumanianus,
1610.

Preface signed: Franciscus Gansneb Tengnagel.

Signatures:)(4*4A-MMM4Nnn2.

With: Astronomiae instauratae progymnasmata / Tycho

Brahe. Francofurti : apud Godefridum Tampachium, 1610.

System ID no: ABQ-1860

Record #14

QB681 .W77 1791

Title: Historia novi planetae Urani : cum tabulis pro locis
planetae heliocentricis et geocentricis / edidit
et supputavit Joannes Fridericus Wurm.

Author: Wurm, Johann Friedrich, 1760-1833.

Published: Gothae : apud Carolum Guilielmum Ettinger, 1791.

Subject: Uranus (Planet)
Astronomy --Early works to 1800.
Other titles: Geschichte des neuen planeten Uranus.
Material: 88, xcvi p. ; 21 cm.
Note: Dudley Collection.
Added t.p. in German : Geschichte des neuen planeten Uranus, samt Tafeln fur dessen heliocentrischen und geocentrischen Ort / herausgegeben und berechnet von Johann Friedrich Wurm.
System ID no: ABQ-1859

Record #14

QB681 .W77 1791

Title: Historia novi planetae Urani : cum tabulis pro locis planetae heliocentricis et geocentricis / edidit et supputavit Joannes Fridericus Wurm.
Author: Wurm, Johann Friedrich, 1760-1833.
Published: Gothae : apud Carolum Guilielmum Ettinger, 1791.
Subject: Uranus (Planet)
Astronomy --Early works to 1800.
Other titles: Geschichte des neuen planeten Uranus.
Material: 88, xcvi p. ; 21 cm.
Note: Dudley Collection.
Added t.p. in German : Geschichte des neuen planeten Uranus, samt Tafeln fur dessen heliocentrischen und geocentrischen Ort / herausgegeben und berechnet von Johann Friedrich Wurm.
System ID no: ABQ-1859

Record #14

QB681 .W77 1791

Title: Historia novi planetae Urani : cum tabulis pro locis planetae heliocentricis et geocentricis / edidit et supputavit Joannes Fridericus Wurm.
Author: Wurm, Johann Friedrich, 1760-1833.
Published: Gothae : apud Carolum Guilielmum Ettinger, 1791.
Subject: Uranus (Planet)
Astronomy --Early works to 1800.
Other titles: Geschichte des neuen planeten Uranus.
Material: 88, xcvi p. ; 21 cm.
Note: Dudley Collection.
Added t.p. in German : Geschichte des neuen planeten Uranus, samt Tafeln fur dessen heliocentrischen und geocentrischen Ort / herausgegeben und berechnet von Johann Friedrich Wurm.
System ID no: ABQ-1859

Record #15

QB731 .O414 1777

Title: Essai sur les cometes : avec des observations & des reflexions sur le soleil & sur les planetes du premier ordre / par Andre Oliver.

Author: Oliver, A. (Andrew), 1731-1799.

Published: Amsterdam : chez Marc-Michel Rey, 1777.

Subject: Comets --Early works to 1800.

Material: xxviii, 147 p., [1] p. of plates ; 19 cm.

Note: Dudley Collection.

French translation of a work in English by Andrew Oliver.

First published at Salem, Massachusetts in 1772.

System ID no: ABQ-1858

Record #16

QB207 .B53 1716

Title: Dissertatio astronomica de linea meridiana.

Author: Blaesing, David, 1660-1719, praeses.

Rast, Henricus, 1695-1726.

Published: Regiomonti Prussorum : litteris Zaenkerianis, [1716?]

Subject: Meridian lines.

Material: [54] p. ; 22 cm.

Note: Dudley Collection.

Dissertation - (Henricus Rast, 1695-1726, respondent).

System ID no: ABQ-1857

Record #17

QB361 .H68 1688

Title: Dissertatio astronomica de causis diversi inter planetas ordinis.

Author: Hoynovius, Michael, 1659-1711, praeses.

Woseginus, Georgius Christophorus, 1624-1705.

Published: Regiomonti : Typis Reusnerianis, [1688?]

Subject: Planetary theory.

Material: 14 p. ; 21 cm.

Note: Dudley Collection.

Dissertation - (Georgius Christophorus Woseginus, 1624-1705, respondent).

System ID no: ABQ-1856

Record #18

QB507 .L35 1740

Title: Dissertatio mathematica inauguralis qua sustema terrae motae defenditur et reliqua systemata confutantur : quam consensu amplissimi philosophorum ordinis / praeside Ioanne Iochimo Langio.

Author: Lange, Johann Joachim, 1698-1765.

Semler, Christianus Theophilus, 1715-1782.
Published: Halae Magdeburgicae : litteris Hendelianis, [1740?]
Subject: Solar system --Early works to 1800.
Celestial mechanics.
Cosmology.
Material: 32 p. ; 20 cm.
Note: Dudley Collection.
Dissertation - Halle (Christianus Theophilus Semler, 1715-1782, respondent).
Date of presentation on t.p. is April 1740.
System ID no: ABQ-1855

Record #19

QB515 .B53 1690

Title: Dissertatio astronomica de Mercurii per solem transitu die X. Novembr. a.c. observando.
Author: Blaesing, David, 1660-1719, praeses.
Hedione, Andrea, 1640-1703.
Published: Regiomonti : Typis Reusnerianis, [1690?]
Subject: Mercury (Planet), Transit of.
Material: [22] p. ; 22 cm.
Note: Dudley Collection.
Dissertation (Andrea Hedione, 1640-1703, respondent).
System ID no: ABQ-1854

Record #20

QB523 .G67 1718

Title: Divina favente gratia de sole igneo .
Author: Gottlich, M. Godofredus, praeses.
Sahm, Johanne Jacobo.
Published: Regiomonti : litteris Johannis Stelteri, [1718?]
Subject: Sun --Early works to 1800.
Material: 25 p. ; 21 cm.
Note: Dudley Collection.
Dissertation - (Johanne Jacobo Sahm, respondent).
Date of presentation on t.p. is March 5, 1718.
Includes bibliographical references.
System ID no: ABQ-1853

Record #21

QB731 .S64 1701

Title: Dissertatio physico-astronomica inauguralis de Natura Cometarum : eorumque sicut & ceterorum Syderum in sublunares Creaturas influentiis, seu virtutibus ...
Author: Sperlette, Johann, d. 1724, praeses.
Kolb, Peter, 1675-1726.

Published: Halae Magdeburgicae : Typus Christiani Henckelii, [1701?]

Subject: Comets.

Material: [24] p. ; 19 cm.

NāPñHçudley Collection.

Dissertation - Halae Magdeburgicae (Petrus Kolbius,
1675-1726, respondent).

System ID no: ABQ-1852

Record #22

QB581 .K54 1769

Title: De influxu lunae in partes terrae mobiles.

Author: Kies, Johann, 1713-1781, praeses.

Rheinwald, Carol Christian.

Offterdinger, Philipp August.

Doerner, Ioannes Henric.

Published: Tubingae : Litteris Jo. Ad. Sigmundi, [1769?]

Subject: Moon --Gravity.

Material: 24 p., 1 p. of plates ; 19 cm.

Note: Dudley Collection.

Dissertation - (Carol Christian Rheinwald, Philipp
August Offterdinger, Ioannes Henric Doerner, respondents).

Date of presentation on t.p. is October 1769.

System ID no: ABQ-1851

Record #23

QB725.46 .K55 1746

Title: Astronomische Beschreibung und Nachricht von dem Cometen
1746 : und denen noch Kommenden, welche in denen
innen besagten Jahren erscheinen Werden / Eberhard
Christian Kindermann.

Author: Kindermann, Eberhard Christian.

Published: Dressden : zu finden bey Gottlob Christian Hilschern, 1746.

Subject: Comets --1746.

Material: 14 p., 1 folded map ; 21 cm.

Note: Dudley Collection.

System ID no: ABQ-1850

Record #24

QB724 .R67 1609

Title: Historischer, politischer und astronomischer naturlicher
Discurs von heutiger Zeit beschaffenheit : wesen
und standt der Christenheit, und wie es ins fuenfftig
in derselben ergehn werde / aus anleitung dero von
anno 1600 her am hohen Himmel erschienenen grossen
Wunderzeichen, sonderlichen Cometens anno 1607 genommen...

Author: Roslin, Helisaeus, 1544-1616.

Published: Strassburg : Gedruckt bey Conrad Scher in verlegung
Paulus Leders, 1609.
Subject: Comets --1607.
Material: [118] p. ; 20 cm.
Note: Dudley Collection.
System ID no: ABQ-1849

Record #25

QB372 .H49 1770

Title: Observatio transitus Veneris ante discum solis die
3 Junii anno 1769 / R.P. Maximiliani Hell.
Author: Hell, Maximilian, 1720-1792.
Published: Vindobonae : typis Joannis Thomae Nob. de Trattnern, 1770.
Subject: Venus (Planet)
Material: 94 p. ; 21 cm.
Note: Dudley Collection.
With: Appendix ad ephemerides anni 1774. Supplementum
dissertationis de parallaxi Solis / Maximilian Hell.
Vindobonae : typis Joannis Thomae Nob. de Trattnern, 1773.
System ID no: ABQ-1848

Record #26

QB43 .B6 1788

Title: Anleitung zur Kenntniss des Gestirnten Himmels / Johann
Elert Bode.
Author: Bode, Johann Elert, 1747-1826.
Published: Berlin : bey Christian Friedrich Himburg, 1788.
Edition: Funfte, sehr umgearbeitete aufl.
Subject: Astronomy --Early works to 1800.
Material: [16], 659 p. : ill., port., [15] fold. maps ; 21 cm.
Note: Dudley Collection.
Title vignette.
Head and tail pieces.
Bound in full brown speckled paper covered boards.
System ID no: ABQ-1847

Record #27

QB41 .L35 1653

Title: Philippi Lansbergii Tabulae motuum coelestium perpetuae,
ex omnium temporum observationibus constructae, temporumque
omnium observationibus consentientes. Item, Novae
& genuinae motuum coelestium theoricae & Astronomicarum
observationum thesaurus.
Author: Lansberge, Philippe van, 1561-1632.
Published: Middelburgi Zelandiae : apud Z. Roman, 1653.
Subject: Astronomy --Tables.

Astronomy --Early works to 1800.
Astronomy --Observations.
Other titles: Tabulae motuum coelestium perpetuae.
Material: 3 pt. in 1 v. : tables (1 fold.), diags. ; 30 cm.
Note: Dudley Collection.
Colophon: Dordrecht, excudebat H. Essaevs.
Title vignettes.
General t.p. for pts. 2-3 incl. has date 1652.
Pt. 2 only has added t.p. with date 1653? (imprint mutilated).
System ID no: ABQ-1846

Record #28

QB41 .M4

Title: Messahalal De scientia motvs orbis.
Author: Masha'allah, 730?-815?
Gherardo, da Cremona, 1113 or 14-1187, supposed tr.
Published: [Nurmburg, per Ioanne Veissenburger impressus, 1504]
Subject: Astronomy --Early works to 1800.
Earth. cn
Other titles: De scientia motvs orbis.
Material: 25 l. diags. 22 cm.
Note: Dudley Collection.
Printer's mark on verso of 25th leaf.
Signatures: A-B8, C-D4, 2 leaves unsigned (last leaf blank)
Latin translation, ascribed to Gerard of Cremona, the elder.
System ID no: ABQ-1819

Record #29

QB41 .B92

Title: Tychonis Brahe Opera omnia : sive Astronomiae instauratae
progymnasmata, in duas partes distributa, quorum
prima de restitutione motuum solis & lunae, stellarumque
inerrantium tractat. Secunda autem de mundi aetherei
recentioribus phaenomenis agit.
Author: Brahe, Tycho, 1546-1601.
Published: Francofurti : impensis I. G. Schonvvetteri, 1648.
Subject: Astronomy --Early works to 1800.
Stars, New.
Comets --1577.
Other titles: Opera omnia.
Material: 470, [7], 217, [1] p. : ill., tables, diags. ; 23 cm.
Note: Dudley Collection.
Part I has running title: De nova stella anni 1572;
pt. II: De cometa anni 1577.
Part 2 has special t.p.: Operum Tychonis Brahe De mundi
aetherei recentioribus et phaenomenis pars secunda.

System ID no: ABQ-1818

Record #30

QB41 .B813 1610

Title: Tychonis Brahe Dani, [A]stronomiae instauratae progymnasmata
; Quorum haec prima pars de restitutione motuum tractat.
Et praeterea de admiranda noua stella anno 1572.
exorta luculenter agit. Excudi primum coepta Uraniburgi
Daniae, ast Praegae Bohemiae absoluta.

Uniform title: Astronomiae instauratae progymnasmata

Author: Brahe, Tycho, 1546-1601.

Published: Prostant Francofurti : apud Godefridum Tampachium, M.
DCX.[1610]

Subject: Astronomy --Early works to 1800.

Astronomical instruments.

Stars.

Other titles: Astronomiae instauratae progymnasta.

Material: [4] leaves, 112, 01-[029], 112 (i.e.113)-822, [12]
p. : ill. ; 24 cm.

Note: Dudley Collection.

Signatures: (,), B-O4, P-Q8, R10, S-Z, Aa-Ii4, Kk-Ll8,

Oo-Zz, AAA-ZZZ, AAAA-ZZZZ, AAAAA-FFFFF, Ggggg-Mmmmm4.

Includes index.

"Errata typographica" final leaf.

Title vignette; title in black and red.

Roman and italic type.

With: De disciplinis mathematicis oratio / Tycho Brahe.

Hafniae : apud Henricum Waldkirchium, 1610.

System ID no: ABO-5473

Record #31

QB724 .T74 1665

Title: Grundliche und zu Erorterung vieler schweren Punkten
in der ganzen Stern- und Natur-Kunst dienliche Beschreibung
des jungst : zu End des Jahrs 1664 und im Anfang
1665 erschienen Cometen / durch M. Abdiam Trew ...

Author: Trew, Abdias, 1597-1669.

Published: Nurnberg : In Verlegung Michael und Johann Friderich
Endtern, 1665.

Subject: Comets --Early works to 1800.

Comets --1664.

Comets --1665.

Material: [8], 64 p., [2] folded leaves of plates : ill. ; 20 cm. (4to)

Note: Dudley Collection.

With: Etliche wenige uber den neu entstandenen schrecklichen
cometen auffs papier ... / Anonymous. Nuremburg :

1664?. -- Muthmarzliche gedancken die bedeutung des
jungsten im Decembri... / Anonymous. Nurnberg : Volff.
Eberhard Felssekern, 1665. -- Nurnbergische observation
dess neuen cometens / Anonymous. Nurnberg : bie Johann
Andreas Endter und Wolffgang dess jungern seel. Erben,
1665. -- Cometa generalis cum speciali, oder cometen-koenig
... / Johann Christoph Kolhans. Nuernberg : Wolff.
Eberhard Felsseckern, 1665?..-- Kurze relation und
discurs / von dem cometen des 1664 / Christoph Schorer.
Ulm : bey Balthase Ruehnen, 1665.-- Cometen / Propheteh
/ Christianus Theophilus. Nuernberg : gedruckt bey
Wolf Eberhard Felssekern, 1665.

BLC, 8563. aaa. 36. (12.)

BN, V. 12178

System ID no: ABO-5472

Record #32

QB6 .U442 1665

Title: Tabulae long ac lat. stellarum fixarvm, ex observatione
Ulugh Beighi ... Ex tribus invicem collatis mas.
Persicis jam primum luce ac latio donavit, & commentariis
illustravit, Thomas Hyde ... In calce libri accesserunt
Mohammedia Tizini tabulae declinationum & rectorum
ascensionum. Additur demum elenchus nominum stellarum.

Author: Ulugh Beg, 1394-1449.

Published: Oxonii, Typis H. Hall; sumptibus authoris; venales
prostant apud R. Davis, 1665.

Subject: Astronomy, Persian --Early works to 1800.

Astronomy --Charts, diagrams, etc.

Stars --Catalogs.

Material: [32], 151, 88, [8] p. incl. tables, diagrs. 23 cm.

Note: Dudley Collection.

The Latin title is preceded by Persian title; original

Persian text is included.

"... Tabula stellarum fizarum, secundum motionem declinationia
& ascenonis, pro fine anni hegjrass purissimae # i,
Chr. 1533": p. 73-88.

With: Chorasimiae et mawaralnahrae.../ Ismael Albufeda.

Londini, 1650. -- Epochae celebriores, astronomis,

historicis ... / Ulugh-beg. Londini : typis Jacobi

Flesher and prostant apud Cornelium Bee, 1650.

System ID no: ABO-5471

Record #33

QB16 .P43 1786

Title: Commentatio de ortibus et occasibus siderum apud auctores

classicos commemoratis.

Author: Pfaff, Johann Friedrich, 1765-1825.

Published: Gottingae [1786]

Subject: Astronomy, Ancient --History.

Material: 103 p.

Note: Dudley Collection.

Date of presentation on title page is June 4, 1786.

System ID no: ABO-5469

Record #34

QB42 .M37 1775

Title: Tobiae Mayeri ... Opera inedita : vol. I. Commentationes Societati Regiae scientiarvm oblatas, qvae integrae svpersvnt, cvm tabvla selenographica complectens / edidit et observationvm appendicem adiecit Georgivs Christophorvs Lichtenberg.

Uniform title: Opera inedita. Latin

Author: Mayer, Tobias, 1723-1762.

Lichtenberg, Georg Christoph, 1742-1799.

Published: Gottingae : Apud Joann. Christian. Dieterich, 1775.

Subject: Astronomy --Early works to 1800.

Material: [4] leaves, 110 p., [4] leaves of folded plates (1 col.) : ill. ; 35 cm.

Note: Dudley Collection.

Signatures: [*]2 *2 A-O4 (O4 blank)

Translated into English and published in 1971.

System ID no: ABO-5468

Record #35

QA343 .G27 1823

Title: Theoria combinationis observationum : erroribus minimis obnoxiae / auctore Carolo Friderico Gauss ; pars prior ; Societati Regiae Exhibita Febr. 15, 1821.

Author: Gauss, Carl Friedrich, 1777-1855.

Societas Regia Scientiarum Gottingensis.

Published: [Gottingen : apud Henricum Dieterich, c1823]

Subject: Mathematical statistics.

Least squares.

Other titles: Physical and mathematical papers.

Gauss's collected papers. DSI

Material: [33]-90 p. ; 25 cm. (4to)

Note: Dudley Collection.

From: Commentationes Societatis Regiae Scientiarum Gottingensis, Tom. V., Classis mathematicae.

Caption title.

No. 11 in a volume of Gauss's collected papers.

System ID no: ABO-5467

Record #36

QB26 .F57 1533

Title: Iulii Firmici Materni iunioris Siculi v. c. ad Mavortium
Lollianum, Astronomicum libri VIII, per Nicolaum
Prucknerum astrologum nuper ab innumeris mendis vindicati ...

Uniform title: Astronomicum

Author: Firmicus Maternus, Julius.

Ptolemy, fl. 2nd cent.

Hermes, Trismegistus. Centum aphorismorum liber III.

Battani, Muhammad ibn Jabir, d. 929.

Yahya ibn Abi Mansur, al-Mamuni. Propositiones.

Sahl ibn Bishr. De electionibus.

Masha'allah, 730?-815? De ratione circule et stellarum.

Muhammad ibn 'Umar ibn al-Farkhan, Abu Bakr, al Tabari.

De nativitatibus.

Manilius, Marcus. Astronomicum.

Brunfels, Otto, 1488-1534.

Prueckner, Nicolaus, 16th cent.

Published: Basileae : per Ioannem Hervagium, anno M.D.XXXIII [1533]

Subject: Astrology.

Astronomy --Early works to 1800.

Material: [16], 244, 143, [89] p. : ill. (diagrs.) ; 31 cm.

Note: Dudley Collection.

Printer's device on verso of last page.

Initials.

System ID no: ABO-5466

Record #37

QB399 .E8

Title: Leonhardi Evleri novae tabvlae lvnares; singylari methodo
constrvctae, qvarvm ope loca lvnae ad qvovdis tempvs
expedite compvtare licet.

Author: Euler, Leonhard, 1707-1783.

Imperatorskaia Akademiia nauk (Russia)

Published: Petropoli, typis Academiae imperialis scientiarum, 1772.

Subject: Moon --Tables. cn

Material: 144 p. 23 cm.

Note: Dudley Collection.

A separate edition of the tables which appeared at
the same time in the author's Theoria motvvm lvnae.

System ID no: ABO-5465

Record #38

QB65 .D69

Title: Atlas novus coelestis in quo mundus spectabilis et
in eodem stellarum omnium phoenomena notabilia ...
secundum Nic. Copernici et ex parte Tychonis de Brahe
hipotesin. Nostri intuitu, specialiter, respectu
vero ad apparentias planetarum indagatu possibiles
e planetis primariis, et e luna habito, generaliter
e celeberrimorum astronomorum observationibus graphice
de scripta exhibentur a Joh. Gabriele Doppelmaiero ...
Author: Doppelmayr, Johann Gabriel, 1671-1750.
Published: Norimbergae, Heredi Homannianorum, 1742.
Subject: Astronomy --Charts, diagrams, etc.
Stars --Atlases.
Astronomy --Early works to 1800.
Material: 2 leaves : front., 30 double pl. ; 54 x 34 cm.
Note: Title vignette.
Dudley Collection.
System ID no: ABO-5464

Record #39

QA31 .D5 1575

Title: Diophanti Alexandrini Rerum arithmeticarum libri sex,
quoru primi duo adjecta habent scholia Maximi (ut
conjectura est) Planudis. Item liber de numeris polygonis
seu multiangulis ... a Guil. Xylandro Augustano incredibili
labore latine redditum, et commentariis explanatum ...
Author: Diophantus, of Alexandria.
Planudes, Maximus, ca. 1260-ca. 1310.
Xylander, Gulielmus, 1532-1576.
Published: Basileae, per E. Episcopium et Nicolai fratres haeredes, 1575.
Subject: Mathematics, Greek.
Mathematics --Early works to 1800.
Other titles: Rerum arithmeticarum libri sex.
Material: 6 p. ., 152 p. diagrs. 33 cm.
Note: Dudley Collection.
System ID no: ABO-5463

Record #40

QA33 .C64 1612

Title: [Christophori Clavii Opera mathematica V tomis distributa
ab auctore nunc denuo correctata, et plurimis locis aucta.
Uniform title: Works. 1612
Author: Clavius, Christoph, 1538-1612.
Published: Mogvntiae, Sumptibus A. Hierat, excudebat R. Eltz, 1612]
Subject: Mathematics --Early works to 1800.
Material: 5 v. in 2 : ill. ; 34 cm.
Note: Dudley Collection.

Each vol. has special t.p.

Vols. 1-3 printed by R. Eltz, 1611; v. 4-5 by J. Volmar, 1612.

System ID no: ABO-5462

Record #41

QA33 .B86

Title: Trigonometria britannica : sive, De doctrina triangulorum libri duo. Quorum prior continet constructionem canonis sinuum, tangentium & secantium, una cum logarithmis sinuum & tangentium ... / a ... Henrico Briggio ... paulo ante inopinatam ipsius e terris emigrationem compositus. Posterior vero usum sive applicationem canonis in resolutione triangulorum tam planorum quam sphaericorum e geometricis fundamentis ... exhibet: ab Henrico Gellibrand ... constructus ...

Author: Briggs, Henry, 1561-1630.

Gellibrand, Henry, 1597-1636.

Published: Goudae : Excudebat P. Rammasenius, M.DC.XXXIII [1633]

Subject: Trigonometry.

Logarithms.

Material: [6], 110 p., [295] p. of tables : ill. ; 35 cm.

Note: Dudley Collection.

Dudley has 2 copies.

One of Dudley's copies is bound with: Trigonometria artificialis : sive magnus canon triangulorum logarithmicus / Adriaen Vlacq. Goudae : excudebat Petrus Rammasenius, 1633.

System ID no: ABO-5461

Record #42

QA31 .A65 1655

Title: Apollonii Pergaei conicorum libri IV / cum commentariis R. P. Claudii Richardi.

Author: Apollonius, of Perga.

Published: Antverpiae : Hieronymum & Joannem Bapt. Verdussen, 1655.

Subject: Mathematics, Greek.

Mathematics --Early works to 1800.

Conic sections.

Material: [78], 398, [2] p. ; 31 cm.

Note: Dudley Collection.

Portrait of Raymond de Moncada, marquis de Aytona on title-page.

System ID no: ABO-5460

Record #43

G2200 .A37 1650

Title: Chorasmiae et Mawaralnahrae; hoc est, regionum extra fluvium Oxum descriptio ex tabulis Abulfedae.

Author: Abu al-Fida' Isma`il ibn `Ali, 1273-1331.
Greaves, J., 1602-1652.
Published: Londini, 1650.
Subject: Asia --Description and travel.
Material: [14], 64 p.
Note: Dudley Collection.
Latin and Arabic on opposite pages.
With: Epochae celebriores , astronomis, historicis,
chronologis... / Ulugh-beg. Londini : typis Jacobi
Flesher & prostant apud Cornelium Bee, 1650. -- Tabulae
ling ac lat stellarum .../ Ulugh-beg. Oxonii : typis
Henrici Hall academiae typographi, sumptibus authoris, 1665.
System ID no: ABO-5459

Record #44

QB374 .Z3 1792

Title: Tabulae motuum solis novae et iterum correctae ex theoria
gravitatis clarissimi de La Place et ex observationibus
recentissimis : in specula astronomica Ernestina
habitis erutae ; supplementum ad Tabulas motuum solis
anno 1792 editas / auctore Francisco de Zach.
Author: Zach, Franz Xaver, Freiherr von, 1754-1832.
Published: Gothae : In Libraria Beckeriana, 1804.
Subject: Sun --Tables.
Material: 24, xxiv p. ; 28 cm. (4 to).
Note: Dudley Collection.
Signatures: A-C4.
With: Tabulae motuum solis novae et correctae ex theoria
gravitatis et observationibus recentissimis erutae
/ Francisco de Zach. Gothae : In commissis apud Carolum
G. Ettinger, 1792.
System ID no: ABN-9610

Record #45

QB374 .Z3 1792

Title: Tabulae motuum solis novae et correctae ex theoria
gravitatis et observationibus recentissimis erutae
: quibus accedit fixarum praecipuarum catalogus novus
ex observationibus astronomicis annis 1787, 1788,
1789, 1790, in specula astronomica Gothana habitis
/ editae auspiciis et sumtibus Serenissimi Ducis
Saxo-Gothani ; auctore Francisco de Zach.
Author: Zach, Franz Xaver, Freiherr von, 1754-1832.
Ernst II, Duke of Saxe-Gotha and Altenburg, 1745-1804.
Published: Gothae : In commissis apud Carolum G. Ettinger, 1792.
Edition: 1st ed.

Subject: Sun --Tables.
Material: [8], 172, ccl, 173-195 p., [1] leaf of plates : ill.
; 28 cm. (4 to)
Note: Dudley Collection.
Errata: p. 193-195.
References: D.S.B., XIV, p. 582-583; Lalande, p. 622-623.
Signatures: A-Y4, A-Z4, Aa-Ii4, Kk, Z4, Aa-Bb4.
Bound in modern half-vellum & boards.
Includes index.
With: Tabulae motuum solis novae et iterum correctae
ex theoria gravitatis clarissimi de La Place ...
/ Francisco de Zach. Gothae : In Libraria Beckeriana, 1804.
System ID no: ABN-9609

Record #46

QB41 .W8

Title: Astronomia britannica : in qua per novam concinnoremq[ue]
methodum, hi quinq[ue] tractus traduntur... Authore
Vincentio Wing, mathem.
Author: Wing, Vincent, 1619-1668.
Markham, Robert, Sir.
Published: Londini, typis Johannis Macock, impensis Georgii Sawbridge,
1669.
Subject: Astronomy --Early works to 1800.
Material: 9 p.l., 244, [2], 369 (i.e. 371) p. illus., port.,
tables, diags. 32 cm.
Note: Dudley Collection.
The tables are paged separately.
Books 1-5 have each special t.-p., those of the first
three dated 1668.
"Canonum astronomicorum, pars altera," and "Observationum
astronomicarum synopsis compendiaria" have each special
t.-p., dated 1668.
"De refractione postscriptum Roberti Markham baronetti":
[2] p. following p. 244.
System ID no: ABN-9608

Record #47

QB42 .W45 1754

Title: Io. Friderici Weidleri Institutiones astronomiae selectis
observation calculorum exemplis. Illustratae cum
figuris aeneis.
Author: Weidler, Johann Friedrich, 1691-1755.
Published: Wittenbergae : sumtu Samuelis Godofredi Zimmermanni, 1754.
Subject: Astronomy --Early works to 1800.
Other titles: Institutiones astronomiae selectis observation calculorum

exemplis.

Material: [6], 384, [6] p., 16 plates ; 24 cm.

Note: Dudley Collection.

System ID no: ABN-9607

Record #48

QB15 .W4

Title: Io. Friderici Weidleri Historia astronomiae, sive De
ortv et progressv astronomiae liber singlaris.

Author: Weidler, Johann Friedrich, 1691-1755.

Published: Vitembergae, svmtibvs Gottlieb Heinrici Schwartzii, 1741.

Subject: Astronomy --History.

Astronomy --Early works to 1800.

Material: 12 p.l., 624, [40] p. 22 cm.

Note: Dudley Collection.

Dudley has 2 copies.

System ID no: ABN-9606

Record #49

QA33 .V6 1633

Title: Trigonometria artificialis; sive Magnvs canon triangvlorvm
logarithmicvs, ad radium 100000, 00000, & ad dena
scrupula secunda, ab Adriano Vlacco Goudano constructus.
Cui accedunt Henrici Briggii ... Chiliades logarithmorvm
viginti pro numeris naturali serie crescentibus ab
vnitate ad 20000, unde canon iste deductus est. Ad
quorum usum illustrandum, additus est liber secundus
Trigonometriae britannicae, in quo triangula plana
& sphaerica calculo facillimo, eximijsq; compendijs
e geometricis fundamentis petitis resolvuntur ...

Author: Vlacq, Adriaan.

Briggs, Henry, 1561-1630.

Published: Govdae, excudebat P. Rammasenius, 1633.

Subject: Logarithms.

Trigonometry --To 1800.

Material: 4 p. l., 52, [406] p. diags. 33 cm.

Note: Dudley Collection.

Dudley has 2 copies.

One copy is bound with Trigonometria Britannica / Henry
Briggs. Goudae : excudebat Petrus Rammasenius, 1633.

System ID no: ABN-9605

Record #50

QA55 .V4

Title: Thesaurus logarithmorum completus : ex arithmetica
logarithmica, et ex trigonometria artificiali Adriani

Vlacci collectus ... / a Georgio Vega = Vollständige
Sammlung grosserer logarithmisch-trigonometrischer
Tafeln : nach Adrian Vlack's arithmetica logarithmica
und trigonometria artificialis verbessert ... / von Georg Vega
Author: Vega, Georg, Freiherr von, 1754-1802.

Vlacq, Adriaan.

Published: Leipzig : in der Wiedmannischen Buchhandlung, 1794.

Subject: Logarithms --Early works to 1800. cm

Other titles: Vollständige Sammlung grosserer logarithmisch-trigonometrischer
Tafeln.

Material: VIII, XXX, 685 p. ; 34 cm. (fol. mostly in sixes)

Note: Dudley Collection.

Vlacq's ed. of Briggs' Arithmetica logarithmica first
appeared 1632, his Trigonometria artificialis 1633.

Text in German and Latin; Introductio = Einleitung
in parallel columns.

Signatures: *4 a-g2 h1 A-Lll6 Mmm1.

Mansell, 631:411; BM, 247:61 (ae under Vega), 249:936
(under Vlacq).

At end of Praefatio=Vorrede, Vega offers a ducat for
each error in computation found.

System ID no: ABN-9604

Record #51

G2200 .A37 1650

Title: Epochae celebriores, astronomis, historicis, chronologis,
Chataiorum, Syro-Graecorum, Arabum, Persarum, Chorasmiarum,
usitatae / Ex traditione Ulug Beigi, Indiae citra
extraque Gangem principis: eas primus publicavit,
recensuit, et commentariis illustravit Johannes Gravius.

Author: Ulugh Beg, 1394-1449.

Greaves, John, 1602-1652.

Published: Londini : J. Flesher, 1650.

Subject: Chronology.

Material: [6]. 104, [46] p. : tables (part. fold.) ; 24 cm.

Note: Dudley Collection.

Page 46 incorrectly numbered 42.

With: Chorasimiae et mawaralnahrae ... / Ismael Abulfeda.

Londini, 1650.-- [Persian] sive tabulae long. ac

lat. stellarum ... / Ulugh-beg. Oxonii : typis Henrici

Hall academiae typographi, sumptibus authoris, 1665.

Latin and Arabic.

System ID no: ABN-9603

Record #52

QB17 .S67 1729

Title: Observations mathematiques, astronomiques, geographiques, chronologiques et physiques, tirees des anciens livres chinois : ou faites nouvellement aux Indes et a la Chine, par les peres de la Compagnie de Jesus / redigees et publiees par E. Souciet.

Author: Souciet, E. (Etienne), 1671-1744

Published: Paris : Rollin, 1729-32.

Subject: Astronomy, Chinese --History.

Astronomy --Observations.

Physical geography --China.

Material: 3 v. in 2 : ill. ; 26 cm.

Note: Dudley Collection.

V.2 contains Histoire de l'astronomie Chinoise, avec des dissertations, and v.3 contains Traite de l'astronomie Chinoise, both by Antoine Gaubil (1689-1759). 3 v. in 2.

Includes bibliographical references.

System ID no: ABN-9602

Record #53

QB581 .S3

Title: Selenotopographische Fragmente zur genauern Kenntniss der Mondflache : ihrer erlittenen Veranderungen und Atmosphere, sammt den dazu gehorigen Specialcharten und Zeichnungen / von Johann Hieronymus Schroeter.

Author: Schroter, Johann Hieronymus, 1745-1816.

Published: Lilienthal : C.G. Fleckeisen, 1791-1802.

Subject: Moon --Early works to 1800.

Astronomy --Early works to 1800.

Moon --Surface.

Material: 2 v., 1 v. of plates : ill. (some folded) ; 26 cm.

Note: Dudley Collection.

Includes index.

System ID no: ABN-9601

Record #54

QB726.07 S27

Title: Beobachtungen des grossen Cometen von 1807 : sammt einem Nachtrage zu dem aphroditographischen Fragmenten / von Johann Hieronymus Schroeter.

Author: Schroter, Johann Hieronymus, 1745-1816.

Published: Gottingen : Vandenhoeck-Ruprecht, 1811.

Subject: Comets --1807.

Venus (Planet)

Material: 188 p., 92 p., 3 folded leaves of plates : ill. ; 20 cm.

Note: Dudley Collection.

System ID no: ABN-9600

Record #55

QB621 .S3 1796

Title: Aphroditographische Fragmente, zur genauern Kenntniss des Planeten Venus : sammt beygefugter Beschreibung des Lilienthalischen 27 fussigen Telescops, mit practischen Bemerkungen und Beobachtungen uber die Grosse der Schopfung / von Johann Hieronymus Schroter.

Author: Schroter, Johann Hieronymus, 1745-1816.

Published: Helmstedt : gedruckt und in commission by C. G. Fleckeisen, 1796.

Subject: Venus (Planet) cn

Material: xvi, 250, [2] p., viii (i.e. x) leaves of plates (some folded) : ill. ; 28 cm.

Note: Dudley Collection.

Dudley has 2 copies.

"Bemerkungen uber die Art, aus Beobachtungen die Ausdehnung der Dammerung auf der Venus zu finden / von Hofrathe Kastner": p. 195-198.

Includes bibliographical references.

System ID no: ABN-9599

Record #56

QB159 .R76 1764

Title: Investigatio parallaxeos Solis, ex observatione transitvs Veneris per discvm Solis Selenginski habita : collata cum obseruationibus alibi institutis / auctore Stephano Rvmowski ...

Author: Rumovskii, Stepan Iakovlevich, 1734-1815.

Published: Petropoli : Typis Academiae Scientiarvm, 1764.

Subject: Parallax --Sun --Early works to 1800.

Sun --Observations.

Venus (Planet), Transit of --1761.

Material: 32 p. ; 24 cm. (4to)

Note: Dudley Collection.

Signatures: A-D4.

Svodnyi katalog knig na inostrannykh iazikakh, 1701-1800 2412

System ID no: ABN-9598

Record #57

QB725 .C55 1762

Title: Brevis expositio observationum occasione transitus Veneris per solem in urbe Selenginsk anno 1761 institutarum / auctore Stephano Rumovski.

Author: Rumovskii, Stepan, 1734-1815.

Published: Petropoli [Leningrad] : Typis Academiae Scientiarum, 1762.

Subject: Venus (Planet), Transit of --1761.

Material: 28 p. ; 25 cm. (4to)

Note: Dudley Collection.

Cuts: Head and tail pieces.

With: Recherches sur la comete des annees 1531, 1607,
1682, et 1759, pour servir de supplement a la theorie
... / Alexis-Claude Clairaut. St. Petersbourg : de
l'Imprimerie de l'Academie Imperiale des Sciences, 1762.

System ID no: ABN-9597

Record #58

QB41.M83 E6 1543

Title: Ioannis de Monte Regio et Georgij Pvrbachij Epitome,
in Cl. Ptolemaei magnam compositionem, : continens
propositiones & annotationes, quibus totum Almagestum,
quod sua difficultate etiam doctiorem ingenioq[ue]
praestantiore lectorem deterrere consueuerate, dilucida
& breui doctrina ita declaratur & exponitur, ut mediocri
quoq[ue] indole & eruditione praediti sine negotio
intelligere possint.

Uniform title: Epitome in Cl. Ptolemaei magnam compositionem

Author: Regiomontanus, Joannes, 1436-1476.

Peurbach, Georg von, 1423-1461.

Gemusaesus, Hieronymus, 1505-1543.

Published: Basileae : Apud Henrichum Petrum., [1543]

Subject: Astronomy --Early works to 1800.

Mathematics, Greek.

Ptolemy, 2nd cent. Almagest.

Geometry --Early works to 1800.

Material: [16], 267, [1] p. : ill. ; 29 cm. (fol.)

Note: Dudley Collection.

Edited by H. Gemusaesus.

Date form colophon, which reads: Basileae per Henrichum
Petrum mense Augusto ... 1543.

Signatures: a-b4, A-X6, Y-Z4.

Printer's device on t.p. and final p.

Text in double columns.

Initials.

Errors in paging.

Adams R283

Includes index.

System ID no: ABN-9596

Record #59

PA3895.A44 A69 1519

Title: Almagestu[m] Cl. Ptolemei : Pheludiensis Alexandrini

astronomo[rum] principis ...

Author: Ptolemy, 2nd cent.

Published: Venetijs : ... ductu Petri Liechtenstein ... ex officina
eiusdem litteraria, 1515 Die. 10. Ja.

Subject: Astronomy --Early works to 1800.

Mathematics, Greek.

Material: [2], 152 leaves : ill. ; 33 cm.

Note: Dudley Collection.

With: Aristotelis Stagyrtae libri de caelo IIII /
Aristotle. Vindelicorum : Excusa in officina Sigismundi
Grim ... & Marci Vuyrsung, 1519.

System ID no: ABN-9595

Record #60

QA531 .R43 1613

Title: Thesaurus mathematicus : sive, Canon sinuum ad radium
1.00000.00000.00000. et ad dena quaeque scrupula
secunda quadrantis: una cum sinibus primi et postremi
gradus, ad eundem radium, et ad singula scrupula
secunda quadrantis: adiunctis ubique differentiis
primis et secundis: atq[ue] ubi res tulit, etiam
tertijs. Iam olim ... / a Georgio Joachimo Rhetico
supputatus; at nunc primum in lucem editus, & cum
viris doctis communicatus a Bartholomaeo Pitisco ...

Author: Rheticus, Georg Joachim, 1514-1576.

Pitiscus, Bartholomaeus, 1561-1613.

Otho, Lucius Valentinus, 1550 (ca.)-1605.

Published: Francofurti : excudebat Nicolaus Hoffmannus, sumptibus
Jonae Rosae, anno 1513 [i.e.1613].

Subject: Trigonometry --Tables.

Mathematics --Tables.

Material: [8], 271, [1], 61, [1] p. ; 35 cm.

Note: Dudley Collection.

Title in red and black within border.

"Sinus primi et postremi gradus" has special t.p. and
separate paging.

Publisher's device (Jonah and whale) on special t.p.

After the death of Rheticus, his pupil, Otho, finished
this work and published it in 1598.

System ID no: ABN-9594

Record #61

QB721 .P55

Title: Cometographie; ou, Traite historique et theorique des
cometes. Par M. Pingre.

Author: Pingre, Alexandre Guy, 1711-1796.

Published: Paris, Imprimerie royale, 1783-84.
Subject: Comets --Early works to 1800.
Material: 2 v. tables, diagrs. on 6 pl. 27 cm.
Note: Dudley Collection.
System ID no: ABN-9593

Record #62

QB42 .P53 1792

Title: Della specola astronomica de regj studj di Palermo.
Libri quattro. Di Giuseppe Piazzi C. R. Regio Professore
d'Astronomia, Socio della Reale Accademia delle Scienze
di Napoli, Corrispondente di quelle di Torino, Pietroburgo
ec...
Author: Piazzi, Giuseppe, 1746-1826.
Published: In Palermo, Dalla Reale Staomperia, 1792-[94].
Subject: Astronomy --Early works to 1800.
Material: 2 v. in 1 : ill. (some fold.) ; 37 cm.
Note: Dudley Collection.
Signatures: a-h, A-Z, Aa-Zz, Aaa-Ooo2.
IV fold. numb plates in vol. 1.
Vol. 2 has title: Della Specola astronomica de' regj
studj di Palermo libro quinto.
vol. 1. Books 1-4.- vol. 2. Book 5.
System ID no: ABN-9592

Record #63

QA150 .P36 1794

Title: Elementi d'algebra / di Pietro Paoli ... tomo I[-II].
Author: Paoli, Pietro, 1759?-1839.
Published: Pisa : Presso Gaetano Mugniaini, 1794.
Subject: Algebra --Early works to 1800.
Calculus --Early works to 1800.
Material: 2 v. : ill. ; 25 cm. (4to)
Note: Dudley Collection.
System ID no: ABN-9591

Record #64

QB721 .O4

Title: Abhandlung uber die leichteste und bequemste Methode
die Bahn eines Cometen zu einigen Beobachtungen zu berechnen.
Author: Olbers, Wilhelm Mathias, 1758-1840.
Published: Weimar, 1797.
Subject: Comets --Orbits.
Material: xxxii, 106, 80 p. illus. 23cm.
Note: Dudley Collection.
System ID no: ABN-9590

Record #65

QA803 .A2 1713

Title: *Philosophiae naturalis principia mathematica*. Auctore
Isaaco Newtono, equite aurato.

Uniform title: *Principia*. 1713

Author: Newton, Isaac, Sir, 1642-1727.

Cotes, Roger, 1682-1716.

Published: Cantabrigiae, 1713.

Edition: Editio secunda, auctior et emendatior.

Subject: Mechanics.

Mechanics, Celestial.

Other titles: *Principia*.

Material: [24], 484, [8] p. illus., fold. plate 24 cm.

Note: Dudley Collection.

Title vignette.

Edited by R. Cotes.

Babson 12; Gray 8.

System ID no: ABN-9589

Record #66

Q113 .N5

Title: *Isaaci Newtoni ... opuscula mathematica, philosophica
et philologica*. Collegit partimque latine vertit
ac recensuit Joh. Castillioneus. Accessit commentariolus
de vita auctoris.

Author: Newton, Isaac, Sir, 1642-1727.

Castillon, Johann von, 1708-1791.

Published: Lausannae & Genevae, apud Marcum-Michaellem Bousquet
& socios, 1744.

Subject: Mathematics. cm

Physics. cm

Chronology.

Prophecies.

Bible. N. T. Revelation --Criticism, interpretation, etc.

Other titles: *Opuscula mathematica, philosophica et philologica*.

Material: 3 v. fold. plates (incl. diagrs.) fold. tables. 25 cm.

Note: Dudley Collection.

Library has 2 copies.

Title vignette.

Title page printed in red and black.

System ID no: ABN-9588

Record #67

QA35 .N565

Title: *The method of fluxions and infinite series; : with*

its application to the geometry of curve-lines. /
By the inventor Sir Isaac Newton ... ; Translated
from the author's Latin original not yet made publick.
; To which is subjoin'd, A perpetual comment upon
the whole work, consisting of annotations, illustrations,
and supplements, to make this treatise a compleat
institution for the use of learners. By John Colson ...

Uniform title: *Artis analyticae specimina*. English

Author: Newton, Isaac, Sir, 1642-1727.

Colson, John, 1680-1760.

Published: London: : Printed by Henry Woodfall; and sold by John
Nourse ..., 1736.

Subject: Mathematics --Early works to 1800.

Calculus --Early works to 1800.

Material: iv, ix-xxiv, 144, [3], 144-339, [1] p., [1] leaf of
plates : ill., charts ; 26 cm. (4to)

Note: Dudley Collection.

An unfinished posthumous work, first published in the
Latin original in v. 1 of the *Opera omnia* (Londini,
J. Nichols, 1779-85) under title: *Artis analyticae
specimina, vel Geometria analytica*. Another translation,
without Colson's commentary, appeared London, 1737
as *A treatise on the method of fluxions and infinite series*.
The commentary consists of annotations on the introduction,
and on the first and second problems.

Head- and tail-pieces, initials.

Page [1] at end is blank.

With an unnumbered errata (advertisement on verso);
a contents leaf numbered 143-144; and a divisional
half-title following p. 140.

Gray, G.J. Newton, 233

ESTC t018629

Babson Institue Library. Newton, p. 48

System ID no: ABN-9587

Record #68

QB41 .M77

Title: *Gvidi Vbaldi e marchionibus Montis Problemata astronomicorum
libri septem*.

Author: Monte, Guido Ubaldo, marchese del, 1545-1607.

Published: Venetiis, apud B. Iuntam, I. B. Ciottum, & socios, 1609.

Subject: Astronomy --Early works to 1800.

Other titles: *Problemata astronomicorum libri septem*.

Material: 6 p. ., 128 numb. . diags. 32 cm.

Note: Dudley Collection.

Signatures: +6A-Ii4.

System ID no: ABN-9586

Record #69

QA273 .M65 1738

Title: The doctrine of chances, or, A method of calculating
the probabilities of events in play ... / by A. de Moivre ...

Author: Moivre, Abraham de, 1667-1754.

Published: London : Printed for the author, by H. Woodfall, 1738.

Edition: 2 ed., fuller, clearer, and more correct than the first.

Subject: Probabilities.

Chance.

Material: [4], xiv, [2], 256 p. ; 29 cm.

Note: Dudley Collection.

System ID no: ABN-9585

Record #70

QB144 .M48 1633

Title: Primum mobile : astronomice, sciographice, geometrice,
& hydrographice, nova methodo explicatum in ... opus
absolutum, IV tomis distinctum / Adriani Metii.

Author: Metius, Adriaan Adriaansz, 1570-1635.

Published: Amsterdami : Guilielmum Blaev, 1633.

Edition: Editio nova, ab innumeris mendis vendicata, et instrumentis
mathematicis / aucta a Guilielmo Blaev.

Subject: Astronomy --Early works to 1800.

Astronomy, Spherical and practical --Early works to 1800.

Mathematical geography.

Other titles: Opera omnia astronomica.

De theoria et motu solis liber singularis.

Material: 5 v. in 1 : ill. ; 21 cm.

Note: Dudley Collection.

Each vol. has individual title page.

Half-title: Opera omnia astronomica.

I. Sphaera, 1632.--II. Planisphaerio sive astrolabio,
1632.--III. Triangularis sphaericis, 1632.--IV. Tab.:

Astronomicis, loxodromicis.--V. Lineamentis geometricis.

De theoria et motu solis liber singularis, 1633.

System ID no: ABN-9584

Record #71

QB228 .M46

Title: Tabulae motuum solis et lunae, novae et correctae;
auctore Tobia Mayer: quibus accedit methodus longitudinum
promota, eodem autore. Editae jussu praefectorum
rei longitudinalinae.

Author: Mayer, Tobias, 1723-1762.

Maskelyne, Nevil, 1731-1811.
Great Britain. Commissioners of Longitude.
Published: Londini, typis Gulielmi et Johannis Richardson, 1770.
Subject: Longitude.
Moon --Tables. cn
Sun --Tables. cn
Material: vii, 136, cxxx, [2] p. 2 fold. pl. 28 cm.
Note: Dudley Collection.
Latin and English.
Edited by Nevil Maskelyne, astronomer royal.
System ID no: ABN-9583

Record #72

QA33 .M46

Title: D. Francisci Mavrolyci ... Opuscula mathematica; nunc
primum in lucem edita, cum rerum omnium notatu dignarum
indice locupletissimo ...
Author: Maurolico, Francesco, 1494-1575.
Published: Venetijs, apud F. Franciscium Senensem, 1575.
Subject: Mathematics. cm
Other titles: Opuscola.
Material: 10 p., ., 285 p., 4 ., 175, [19] p. diagrs. 22 cm.
Note: Dudley Collection.
De sphaera liber unus.--Computus ecclesiasticus in
summam collectus.--Tractatus instrumentorum astronomicorum.--Tr
iÅb•rii•ÖÅBΩ...Ö...•©Örii*Uç±•ë•ÖÅÇ...Ω;ΩÖ• – •ΩriiÖj\$Hê
elementorum libri tredecimi solidorum tertij, regularium
coporum primi.--Musicae traditiones.--De lineis horarijs
libri tres.--Quibus omnibus Arithmeti corum libri
duo demum accesserunt.
System ID no: ABN-9582

Record #73

QB721 .L92 1666

Title: Stanislai de Lubienietz Lubienieci ... Theatrum cometicum,
: duabus partibus constans, quae altera frequenti
senatu philosophico conspicua, cometas anni 1664
& 1665 variis virorum per Europam clariss. cum quibus
auctor de hoc argumento contulit, observationibus,
dissertationibus, animadversionibus descriptos &
quinquaginta novem figuris aeneis illustratos, exhibet
... altera continet Historiam ccccxv. cometarum,
a tempore diluvii ad ann. 1665 ... Et Theatri cometici
exitus, sive De significatione cometarum ...
Author: Lubieniecki, Stanislaw, 1623-1675.
Published: Amstelodami, : Typis Danielis Baccamude, apud Franciscum

Cuperum, sumptibus authoris., 1666-1668.

Subject: Comets.

Other titles: Theatrum cometicum.

Material: 3 v. in 2 : ill., ports. ; 34 cm. (fol. in 4s)

Note: Dudley Collection.

Dudley has 3 copies.

Engraved t.p. of each vol. dated 1667.

Letterpress t.p. of v. 2 dated 1666.

System ID no: ABN-9581

Record #74

QA35 .L52

Title: Virorum celeberr. Got. Gul. Leibnitii et Johan. Bernoullii
Commercium philosophicum et mathematicum.

Author: Leibniz, Gottfried Wilhelm, Freiherr von, 1646-1716.
Bernoulli, Jean, 1667-1748.

Published: Lausannae, Genevae, sumpt. Marci M. Bousquet et socior., 1745.

Subject: Mathematics. cm

Material: 2 v. in 1 129 diagr. on XXIIIpl.

Note: Dudley Collection.

Title in red and black; vignette.

t.1. Ab anno 1694 ad annum 1699.--t.2. Ab anno 1700
ad annum 1716.

System ID no: ABN-9580

Record #75

QB351 .L32 1798

Title: Traite de mecanique celeste / par P.S. Laplace ...

Author: Laplace, Pierre Simon, marquis de, 1749-1827.

Published: A Paris : De L'Imprimerie de Crapelet : Chez J.B.M.
Duprat ..., an 7 [1798]-1827.

Subject: Mechanics, Celestial.

Tides.

Capillarity.

Material: 5 v., [1] folded leaf of plates : diagrs. on fold. pl. ; 26 cm.

Note: Dudley Collection.

Dudley has vol. 1-3 only.

t. 1. livre I. Des loix generales de l'equilibre et
du mouvement. livre II. De la loi de la pesanteur
universelle, et du mouvement des centres de gravite
des corps celestes -- t. 2. livre III. De la figure
des corps celestes. livre IV. Des oscillations de
la mer et de l'atmosphere. livre V. Des mouvemens
des corps celestes, autour de leurs propres centres
de gravite -- t. 3. livre VI. Theorie des mouvemens
planetaires. livre VII. Theorie de la lune. Supplement

au IIIe volume presente au Bureau des longitudes,
le 17 aout 1808 -- t. 4. livre VIII. Theorie des
satellites de Jupiter, de Saturne et d'Uranus. livre
IX. Theorie des cometes. livre X. Sur differens
points relatifs au systeme du monde. Supplement
au Xe livre: Sur l'action capillaire.
Supplement a la theorie de l'action capillaire -- t.
5. livre XI. De la figure et de la rotation de
la terre. livre XII. De l'attraction et de la repulsion
des spheres et des lois de l'equilibre et du mouvement
des fluides elastiques. livre XIII. Des oscillations
des fluides qui recouvrent les planetes. livre XIV.
Des mouvemens des corps celestes autour de leur centre
de gravite. livre XV. Du mouvement des planetes
et des cometes. livre XVI. Du mouvement des satellites
-- [t. 6] Supplement au 5e volume du Traite de mecanique
celeste.

Burndy. Science, 14.

System ID no: ABN-9579

Record #76

QA273 .L35 1814

Title: Theorie analytique des probabilites.

Author: Laplace, Pierre Simon, marquis de, 1749-1827.

Published: Paris, V. Courcier, 1814.

Edition: 2. ed., rev. et augm.

Subject: Probabilities.

Material: cvi, 506 p. 26 cm.

Note: Dudley Collection.

1. Calcul des fonctions generatrices.--2. Theorie generale
des probabilites.

System ID no: ABN-9578

Record #77

QB3 .L29

Title: Oeuvres de Laplace.

Author: Laplace, Pierre Simon, marquis de, 1749-1827.

Published: Paris : Imprimerie royale, 1843-47.

Subject: Astronomy. cm

Mechanics, Celestial.

Probabilities.

Material: 7 v. : ill. ; 27 cm.

Note: Dudley Collection.

Dudley also has incomplete set of first 5 vol.

t.1-5. Traite de mecanique celeste.--t.6. Exposition

du systeme du monde.--t.7. Theorie analytique des

probabilites.
System ID no: ABN-9577

Record #78
QB351 .L32

Title: *Mecanique celeste*. By the marquis de La Place ... Tr.,
with a commentary, by Nathaniel Bowditch ...
Uniform title: *Traite de mecanique celeste*. English
Author: Laplace, Pierre Simon, marquis de, 1749-1827.
Bowditch, Nathaniel, 1773-1838.
Bowditch, N. I. (Nathaniel Ingersoll), 1805-1861.
Published: Boston, Hillard, Gray, Little, and Wilkins, 1829-39.
Subject: Mechanics, Celestial.

Tides.

Capillarity.

Material: 4 v. 3 port. (incl. fronts., v. 3, 4) tables, diags.
29 x 23 cm.

Note: Dudley Collection.

Library has 2 copies.

On t.-p. of v. 4: With a memoir of the translator,
by his son, Nathaniel Ingersoll Bowditch. Boston,
C.C. Little and J. Brown.

v. I. 1st book. On the general laws of equilibrium
and motion. 2d book. On the law of universal gravitation,
and the motions of the centres of gravity of the
heavenly bodies.--v. II. 3d book. On the figures
of the heavenly bodies. 4th book. On the oscillations
of the sea and atmosphere. 5th book. On the motions
of the heavenly bodies about their own centres of
gravity.--v. III. 6th book. Theory of the planetary
motions. 7th book. Theory of the moon. Appendix,
presented by the author to the Board of longitude
of France, August 17, 1808. Appendix by the translator.
Tables.--v. IV. 8th book. Theory of the satellites
of Jupiter, Saturn, and Uranus. 9th book. Theory
of comets. 10th book. On several subjects relative
to the system of the world. Supplement to the tenth
book: On capillary attraction. Supplement to the
theory of capillary attraction.

System ID no: ABN-9576

Record #79
QB85 .L3 1636

Title: *Philippi Lansbergi Sphaera plana, a Ptolomeo astrolabium
dicta; ex lingua Belgica in Romanam translata, interprete
Ioanne Francio Sil.*

Author: Lansbergen, Philips van, 1561-1632.
Francius, Joannes.
Published: Middelburgi Zelandiae, Apud Zachariam Romanum, 1636.
Subject: Astrolabes --Early works to 1800.
Other titles: Sphaera plana.
Material: 25 p. 4 fold. plates. 29 cm.
Note: Dudley Collection.
A-C4, [D]2. C4 is signed and C3 is missigned as D3.
BN, v. 202, p. 129.
With: Opera omnia / Philippe van Lansberge. Middelburgi
Zelandiae : Apud Zachariam Roman, 1663.
System ID no: ABN-9575

Record #80

QB85 .L3 1636

Title: Opera omnia.
Author: Lansbergen, Philips van, 1561-1632.
Published: Middelburgi Zelandiae, Apud Zachariam Roman, 1663 [1635-63]
Other titles: In quadrantem tum astronomicum.
Material: 10 pts. in 1 v. port., tables, diags. (part. fold.) 29 cm.
Note: Dudley Collection.
Illustrated t.-p.
Each part has special t.-p.
Title vignettes. Initials, head and tail pieces.
Pt. 3: "... In qvadrantem tum astronomicvm, tum geometricvm
... astrolabivm introductio ... Latina prodit, opera,
Iohannis Franci ..."
With: Philippi Lansbergi Sphaera plana / Philippe
van Lansberge. Middelburgi Zelandiae : Apud Zachariam
Romanum, 1636.
System ID no: ABN-9574

Record #81

QB357 .L25 1761

Title: Insignores orbitae cometarum proprietates / I. H. Lambert
Author: Lambert, Johann Heinrich, 1728-1777.
Published: Augustae Vindelicorum, sumtibus Eberhardi Klett viduae, 1761
Subject: Comets --Orbits.
Astronomy --Early works to 1800.
Material: [8], 128, [4] p. : diags., 2 fold. tables ; 20 cm.
Note: Dudley Collection.
System ID no: ABN-9572

Record #82

QB42 .L35 1792

Title: Tables astronomiques, calculees sur les observations

les plus nouvelles, pour servir a la troisieme edition
de l'Astronomie.

Author: Lalande, Joseph Jerome Le Francais de, 1732-1807.

Lalande, Joseph Jerome Le Francais de, 1732-1807. Astronomie.

Published: Paris, Chez la veuve Desaint, De l'imprimerie de P.

Didot l'aine, 1792.

Subject: Astronomy --Tables. cm

Material: 249 p. 26 cm.

Note: Dudley Collection.

System ID no: ABN-9571

Record #83

QB4 .L16

Title: Histoire celeste francaise, contenant les observations
faites par plusieurs astronomes francais; publiee
Jerome Delalande. Tome premier.

Author: Lalande, Joseph Jerome Le Francais de, 1732-1807.

Published: Paris, Imprimerie de la republique, 1801.

Subject: Astronomy --Observations.

Material: xii, 590 p. 26 cm.

Note: Dudley Collection.

No more published.

System ID no: ABN-9570

Record #84

QB42 .L19

Title: Astronomie, par m. de La Lande.

Author: Lalande, Joseph Jerome Le Francais de, 1732-1807.

Dupuis, 1742-1809.

Published: Paris, Veuve Desaint, 1771-81.

Edition: 2. ed., revue et augm.

Subject: Astronomy --Early works to 1800.

Tides.

Constellations.

Material: 4 v. 46 fold. plates. (incl. map) tables. 26 cm.

Note: Dudley Collection.

Vol. 4 is 1st edition.

t. 1-3. Astronomie.--t. 4. Traite du flux et du reflux
de la mer. Memoir sur l'origine des constellations
& sur l'explication de la fable, par le moyen de
l'astronomie, par m. Dupuis. Supplemens pour l'Astronomie,
publiee a Paris en 1771.

Library has vol. 3 only.

System ID no: ABN-7263

Record #85

QA55 .T33 1781

Title: Tables de logarithmes : pour les sinus & tangentes
de toutes les minutes du quart de cercle, & pour
tous les nombres naturels depuis I jusqu'a 21600.

Avec une exposition abregee de l'usage de ces tables.

Published: Paris : Chez la veuve De saint, Libraire, 1781.

Edition: Nouvelle ed.

Subject: Logarithms --Tables.

Mathematics --Tables. cm

Material: [340], 53 p. : ill. ; 17 cm. (4to)

Note: Dudley Collection.

System ID no: ABN-7262

Record #86

DT826 .L2 1776

Title: Journal historique du voyage fait au Cap de Bonne-Esperance,
par M. l'abbe de la Caille. Precede d'un discours
sur la vie de l'auteur, suivi de remarques & de reflexions
sur les coutumes de Hottentots & des habitans du
Cap. Avec figures.

Author: La Caille, Nicolas Louis, abbe de., 1713-1762
Carlier, Claude, abbe, 1725-1787.

Published: Paris, Nyon, 1776.

Subject: Cape of Good Hope (South Africa) --Description and travel.
Astronomy --Observations.

Material: xxxvii, 380, [4] pp. ill., maps. 17 cm.

Note: Dudley Collection.

The life of the author is by C. Carlier.

System ID no: ABN-7261

Record #87

QB6 .L33 1763

Title: Coelum australe stelliferum, seu, Observationes ad
construendum stellarum australium catalogum institutae
: in Africa ad Caput Bonae-Spei / a Nicolao-Ludovico
de La Caille

Author: Lacaille, Nicolas Louis de, 1713-1762.

Published: Parisiis : Sumptibus Hipp. Lud. Guerin & Lud. Fr. Delatour
... , 1763.

Subject: Astrographic catalog and chart --Early works to 1800.
Astronomy --Observations --Early works to 1800.

Material: [ii], 24, iii-xix, 141, [19] p., [1] folded leaf of
plates : ill. ; 26 cm. (4to)

Note: Dudley Collection.

Signatures: a-c4, b-e2, A-2R2.

Gathering a of the first group and gathering b of the second group preceded by unsigned leaf.
"Observationes ..." (p.iv-xix) include French translation on facing pages.
Engraved plate of the Ptolemaic southern constellations.
Biography of Lacaille by Gabriel Brotier: p. 1-19.
Library has 2 copies.
Bibliography of Lacaille's works: p. 20-24.
Warner. The sky explored, p. 142-143.
Contemporary calf binding, gilt on spine. Spine and edges slightly worn.

System ID no: ABN-7260

Record #88

QB725.44 .K55 1744

Title: Wahre Betrachtungen uber den, in diesem Jahre, erschienenen Cometen : so wohl nach dessen Ursprung und Beschaffenheit, ingleichen, wohin sein Lauff gerichtet, und wie lange er sichtbar sey, als auch vornehmlich nach seiner Bedeutung, und ob wir Ursach haben, uns vor ihm zu furchten? ... / von Eberhard Christian Kindermann.

Author: Kindermann, Eberhard Christian.

Published: Rudolstadt : Werben der gar vortheilhafften Rudolstadtischen Wansen-Hauss-Lotterie, 1744.

Subject: Comets --1744.

Material: 22 p., [1] leaf of plates : plate ; 24 cm. (4to)

Note: Dudley Collection.

Engraved plate.

Head-piece and initial.

Publication information taken from NYCG copy.

System ID no: ABN-7259

Record #89

QB633 .K54 1773

Title: Dissertatio physica de terrae motuum caussis ...

Author: Kies, Johann, 1713-1781.

Reuss, August Christian von, 1756-1824.

Published: Tubingae, Litteris Fuesianis [1773]

Subject: Earth --Rotation.

Material: 24 p. ; 20 cm.

Note: Dudley Collection.

Diss. - Tubingen (A. C. Reuss, respondent)

System ID no: ABN-7258

Record #90

BT303 .K38

Title: Prodrumus dissertationum cosmographicarum : continens mysterium cosmographicum, de admirabili proportione orbium coelestium, de que causis coelorum numeri, magnitudinis, motuumque periodicorum genuinis & proprijs : demonstratum, per quinque regularia corpora geometrica / a M. Ioanne Keplero ... addita est erudita narratio M. Georgii Ioachimi Rhetici, de libris revolutionum ... D. Nicolai Copernici.

Author: Kepler, Johannes, 1571-1630.

Maestlin, Michael, 1550-1631.

Rheticus, Georg Joachim, 1514-1576.

Published: Tubingae : Excudebat Georgius Gruppenbachius, 1596.

Subject: Astronomy --Early works to 1800.

Copernicus, Nicolaus, 1473-1543.

Material: [1] leaf, 181, [1] p., [5] fold. leaves of plates : ill. ; 19 cm.

Note: Dudley Collection.

"De dimensionibus orbium et sphaerarum coelestium iuxta Tabulas Prutenicas, ex sententia Nicolai Copernici.

Appendix M. Michaelis Maestlini": p. 161-181.

With: De vero anno quo aeternus Dei Filius humanam naturam in utero benedictae Virginis Mariae assumpsit / Johannes Kepler. Francofurti : typis ac sumptibus Ioannis Bringeri, 1614. -- Ad epistolam sethi Calvisii chronologi responsio / Johannes Kepler. Francofurti : apud Godofredum Tampachium, typis Erasmi Kempffers, 1614.

System ID no: ABN-7257

Record #91

BT303 .K38

Title: De vero anno quo aeternus Dei Filius humanam naturam in utero benedictae Virginis Mariae assumpsit / Ioannis Kepleri ... commentatiumcula recocta prius teutonica lingua edita, nunc ad exterorum petitionem in latinam linguam translata; & responsionibus ad obiecta Sethi Calvisii chronologi nuperrima locupletata ...

Author: Kepler, Johannes, 1571-1630.

Calvisius, Seth, 1556-1615. De vero Nativitatis Christi anno ... epistola.

Published: Francofurti : Typis ac sumptibus Ioannis Bringeri, 1614.

Subject: Jesus Christ --Chronology.

Material: [1] leaf, 179, [1] p. ; 20 cm.

Note: Dudley Collection.

An enlarged Latin edition of Widerholter ausführlicher teutscher Bericht ... designated by Kepler in the catalog of his works as Bericht vom Geburtsjahr Christi.

With: Prodomus dissertationum cosmographicarum / Johannes Kepler. Tubingae : Excudebat georgius Gruppenbachius, 1596. -- Ad epistolam Sethi Calvisii chronologi responsio / Johannes Kepler. Francofurti : apud Godofredum tampachium, typis Erasmi Kempffers, 1614.

System ID no: ABN-7256

Record #92

QB41 .K43 1627

Title: Tabulae Rudolphinae, quibus astronomicae scientiae, temporum longinquitate collapsae restauratio continetur; a ... Tycho, ex illustri ... Braheorum ... familia oriundo ... primum animo concepta et destinata anno Christi MDLXIV; exinde observationibus siderum ... serio affectata Tabulas ipsas ... morte authoris sui anno MDCI desertas ... perfecit, absolvit; adque causarum & calculi perennis formulam traduxit Ioannes Keplerus

Author: Kepler, Johannes, 1571-1630.

Brahe, Tycho, 1546-1601.

Published: Ulmae, Typis J. Saurii, 1627.

Subject: Astronomy --Early works to 1800.

Astronomy --Tables.

Stars --Catalogs.

Material: [16], 120, 115 (i.e. 119) p. illus. 35 cm.

Note: Dudley Collection.

Added engr. t. p.

Caspar: no. 79.

System ID no: ABN-7255

Record #93

QC929.S7 K39 1611

Title: Ioannis Kepleris Strena, seu, De niue sexangula : Cum priuilegio S. Caes. Maiest. ad annos xv.

Author: Kepler, Johannes, 1571-1630.

Published: Francofurti ad Moenvm : Apud Godefridum Tampach, 1611.

Subject: Snow crystals --Early works to 1800. cm

Ice crystals --Growth --Early works to 1800. cm

Other titles: Strena, seu, De niue sexangula.

Material: 24 p. : ill. ; 21 cm.

Note: Dudley Collection.

Reference : Caspar 39.

System ID no: ABN-7254

Record #94

QB3 .K3

Title: Joannis Kepleri astronomi opera omnia. Edidit Ch. Frisch.
Author: Kepler, Johannes, 1571-1630.
Frisch, Christian, 1807-1881.
Published: Francofurti a. M. et Erlangae, Heyder & Zimmer, 1858-71.
Subject: Astronomy. cm
Chronology.
Other titles: Opera omnia.
Material: 8 v. fronts. (v. 1, 2: facsim.; v. 6, 8: port.) illus.,
plates (1 fold.) tables (2 fold.) diagrs. 25 cm.
Note: Includes index.
Dudley Collection.
System ID no: ABN-7253

Record #95

QB41 .K34

Title: Epitome astronomiae copernicanae vsitata forma quaestionum
& responsionum conscripta, inque VII. libros digesta,
quorum tres hi priores sunt de doctrina sphaerica.
Habes, amice lector, hac prima parte, praeter physicam
accuratam explicationem motus terrae diurni, ortusq;
ex eo circularum sphaerae, totam doctrinam sphaericam
nova & concinniori methodo, auctiorem, additis exemplis
omnis generis computationum astronomicarum & geographicarum,
quae integrarum praeceptionum vim sunt complexa.
Authore Ioanne Keplero ...
Author: Kepler, Johannes, 1571-1630.
Published: Francofurti, impensis Ioannis Godefridi Schonwetteri, 1635.
Subject: Astronomy --Early works to 1800.
Material: 9 p. l., 932 (i.e. 924), [14] p. illus., fold. tab.,
diagrs. 16 cm.
Note: Dudley Collection.
Book IV has special t.-p.; books V-VII have collective t.-p.
Many irregularities in paging.
System ID no: ABN-7252

Record #96

QB36.K4 A3 1718

Title: Epistolae ad Joannem Kepllerum mathematicum Caesareum
scriptae; insertis ad easdem responsionibus Kepllerianis,
quotquot hactenus reperiri poruerunt: opus novum,
quo recondita Kepllerianae doctrinae capita cilucide
explicantur, et historia literaria in universum mirifice
illustratur, nunc primum cum praefatione de meritis
Germanorum in mathesin, introductione in historiam
literariam saeculorum XVI. et XVII. et Jo. Keplleri
vita jussu et auspiciis Caroli VI. romanor, imperat

... ex manuscriptus editum ...

Author: Kepler, Johannes, 1571-1630.

Hansch, Michael Gottlieb, b. 1863.

Published: Leipzig ; Frankfurt ; s.n., 1718.

Subject: Mathematics --Early works to 1800. cm

Material: 8 p. l., xxxvii, [9], 704, [4] p. 8 diags. 41cm.

Note: Dudley Collection.

Title vignette.

Dedication signed: Michael Gottlieb Hanschius.

Also contains an important life of Kepler.

System ID no: ABN-7251

Record #97

QB841 .K38

Title: Joannis Keppleri ... De stella nova in pede Serpentarii,
et qui sub ejus exortum de novo iniit, trigono igneo.

Libellus astronomicis, physicis, metaphysicus, meteorologicis
& astrologicis disputationibus ... plenus. Accesserunt

I. De stella incognita Cygni: narratio astronomica.

II. De Jesu Christi Servatoris vero anno natalitio,
consideratio novissimae sententiae Lavrentii Svslygae
Poloni, quatuor annos in usitata epocha desiderantis ...

Author: Kepler, Johannes, 1571-1630.

Published: Praegae, typis P. Sessius, impensis authoris, 1606.

Subject: Stars, New.

Other titles: De stella nova in pede Serpentarii.

Material: 6 p. leaves, 212, 35, [3] p. illus., fold. plate. 19 cm.

Note: Dudley Collection.

Parts [2]-[4] each have special t.-p.; part [4] has
separate pagination.

Part [3] has imprint: Francofvrti, 1606; part [4] has
imprint: Francofvrti, W. Richteri, 1606.

Signatures:)?(6A-Cc4Dd22A-2E4(2E4 blank)

De Jesu Christi is separately paginated with the following
imprint: Francofurti, in officina typographica Wolfgang
Richteri, 1606.

System ID no: ABN-7250

Record #98

QB41 .K38

Title: Astronomia nova aitiologetos [romanized] : sev physica
coelestis, tradita commentariis de motibvs stellae

Martis, ex observationibus G. V. Tychonis Brahe,
jussu & sumptibus Rvdolphi II ... plurimum annorum
pertinaci studio elaborata Praegae ... / Joanne Keplero.

Author: Kepler, Johannes, 1571-1630.

Brahe, Tycho, 1546-1601.
Rudolph II, emperor of Germany, 1552-1612.
Published: [Heidelberg : G. Voegelinus], 1609.
Subject: Astronomy --Early works to 1800.
Planets, Theory of --Early works to 1800.
Mars (Planet) --Early works to 1800. cn
Material: 337 p., 1 fold. leaf of plates : diags. ; 38 cm.
Note: Dudley Collection.
References: Caspar, M. *Bibl. Kepleriana*. Munchen, 1936,
no. 31; Dibner, *Heralds*, no. 5.
System ID no: ABN-7249

Record #99

QA33 .R8

Title: *Ad Vitellionem paralipomena, quibus astronomiae pars optica traditur; potissimum de artificiosa observatione et aestimatione diametrorvm deliquiorumq; solis et lunae, cvm exemplis insignivm eclipsivm. Habes hoc libro, Lector, inter alia multa noua, Tractatum luculentum de modo visionis, & humorum oculi vsu, contra opticos & anatomicos, avthore Ioanne Keplero.*
Author: Kepler, Johannes, 1571-1630.
Witelo, 13th century.
Published: Francofvrti, Apud C. Marnium & Haeredes I. Aubrii, 1604.
Subject: Astronomy --Early works to 1800.
Optics --Early works to 1800.
Eclipses.
Other titles: *Astronomiae pars optica.*
Material: [16], 449, [18] p. illus. 21 cm.
Note: Dudley Collection.
Two folded tables.
Printer's device on title page.
System ID no: ABN-7248

Record #100

QB42 .K2 1728

Title: *An introduction to the true astronomy : or, Astronomical lectures, read in the astronomical school of the University of Oxford / by John Keill.*
Uniform title: *An introduction to the true astronomy*
Author: Keill, John, 1671-1721.
Published: London : Printed for J. F. and C. Rivington, J. Buckland [etc.], 1728.
Edition: 6th ed., cor.
Subject: Astronomy.
Material: xiv, 396 p. : ill. ; 22 cm.

Note: Dudley Collection.
System ID no: ABN-7247

Record #101
Q157 .K27

Title: Introductiones ad veram physicam et veram astronomiam.
Quibus accedunt Trigonometria. De viribus centralibus.
De legibus attractionis.
Author: Keill, John, 1671-1721.
Published: Lugduni, Batavorum, Joh. et Herm. Verbeek, 1725.
Subject: Astronomy.
Physics.
Material: 636, [10] p. illus., fold. diagrs., maps. 26 cm.
Note: The "Introductiones" comprise 2 series of the author's
lectures delivered at Oxford University.
Dudley Collection.
System ID no: ABN-7246

Record #102
QA24 .K19

Title: Geschichte der Mathematik seit der Wiederherstellung
der Wissenschaften bis an das Ende des achtzehnten
Jahrhunderts, von Abraham Gotthelf Kastner ...
Author: Kaestner, Abraham Gotthelf, 1719-1800.
Published: Gottingen, J. G. Rosenbusch, 1796-1800.
Subject: Mathematics --History.
Astronomy --History.
Series: Geschichte der Kunste und Wissenschaften seit der Wiederherstellu
ng derselben bis an das Ende des achtzehnten Jahrhunderts.
7. Abth.
Material: 4 v. 21 cm.
Note: Dudley Collection.
1. Bd. Arithmetik, Algebra, Elementargeometrie, Trigonometrie,
praktische Geometrie, bis zum Ende des sechszehnten
Jahrhunderts. 1796.--2. Bd. Perspectiv, geometrische
Analysis und höhere Geometrie, Mechanik, Optik, Astronomie,
bis zum Ende des sechszehnten Jahrhunderts. 1797.--3
Bd. Reine Mathematik, Analysis, praktische Geometrie,
bis an Cartesius. Sammlungen von Werken für unterschiedene
Wissenschaften. 1799.--4. Bd. Mechanik, Optik, Astronomie,
vom Anfange des siebzehnten Jahrhunderts, bis um
desselben Mitte. 1800.
System ID no: ABN-7245

Record #103
QC3 .H77 1728

Title: Opera reliqua. ...
Author: Huygens, Christiaan, 1629-1695.
Grandi, Guido, 1671-1742.
Gravesande, Willem Jacob van's, 1688-1742.
Published: Amstelodami, Apud Janssonio-Waesbergios, 1728.
Subject: Physics --Collected works.
Astronomy --Collected works.
Refraction.
Material: 2 v. : fold. diags., fold. plates ; 25 cm.
Note: Dudley Collection.
Library has 2 copies (one 2 v. set and one of 2 v. in 1).
The 2nd vol. contains the 2 v. of Huygens' Opuscula
posthuma, with separate t.p. bearing the same imprint.
Title in red and black.
At head of title: Christiani Hugenii Zuilichemii, Dum
viveret Zelhemi Toparchae.
Binder's title: Opera reliqua, I. & II. (Posthuma 1 & 2).
V.2 in 2 pts., separately paged with separate title-pages:
...Opuscula posthuma, ... Amsteldami, 1728.
The first edition, 1703, contains the material included
in v.2 pt.1-2 of this (1728) edition.
Introduction, v.1 by G. J. Gravesande.
V.1. Tractatus de Lumine. Dissertatio de Causa Gravitatis.
Geometrica demonstratio Theorematum Hugenianorum
circa Logisticam, seu Logarithmicam Lineam,... Addita
epistola Geometrica ad P. Thomam Cevan S,J, Auctore
D. Guidone Grando Cremonensi.--V.2. T.1. Opuscula
Posthuma: Dioptrica. Commentarii de formandis poliendisque
vitris ad Telescopia. T. II. Opuscula Posthuma:
Dissertatio de Coronis et Parheliis. De motu corporum
ex percussione. De VI Centriguga. Descriptio Automati
Planetarii.

System ID no: ABN-7244

Record #104

Q111 .H8 1833

Title: Christiani Hugenii aliorumque seculi XVII virorum celebrium
exercitationes mathematicae et philosophicae. Ex
manuscriptis in bibliotheca Academiae Lugduno-Batavae
servatis edidit Petrus Joannes Uylenbroek ...
Author: Huygens, Christiaan, 1629-1695.
Leibniz, Gottfried Wilhelm, Freiherr von, 1646-1716.
Uylenbroek, Pieter Johannes, 1797-1844.
Published: Hagae Comitum, ex Typographia regia, 1833.
Subject: Scientists --Correspondence, reminiscences, etc. cm
Mathematics --History.

Material: 2 v. fold. plates (facsim., diagrs.) 26 cm.

Note: Dudley Collection.

fasc. I., continens Chr. Hugenii, Leibnitii et Hospitalii
epistolas mutuas.--fasc. II., continens additaments
ad fasc. I., inter quae vausmeslii, Duilierii et
Hub. Huighenii epistolas.

System ID no: ABN-7243

Record #105

QB724 .H48

Title: *Johannis Hevelii Prodrumus cometicus, quo historia,
cometae anno 1664 exorti cursum, faciesq; diversas
capitis ac caudae accurate delineatas complectens;
nec non dissertatio de cometarum omnium motu, generatione,
variisque phaenomenis, exhibetur.*

Author: Hevelius, Johannes, 1611-1687.

Published: Gedani : Autoris typis, et sumptibus, imprimebat Simon
Reiniger, 1665.

Subject: Comets --1664.

Comets --Early works to 1800. cm

Other titles: *Prodrumus cometicus.*

Material: [4], 64 p., [3] leaves of plates (1 double page) :
ill.(engravings), tables ; 38 cm.

Note: Dudley Collection.

Title vignette.

With: *Johannes Hevelii Descriptio cometae anno aerae
Christ. M.DC.LXV. exorti / Johannes Hevelius. Gedani
: Autoris typis S. Reiniger, 1666.-- Cometa, poema
/ Michael Kirsten. Hamburgi : apud Zachariam Hertelium, 1665.*

System ID no: ABN-7242

Record #106

QB724 .H48

Title: *Johannis Hevelii Descriptio cometae anno aerae Christ.
M.DC.LXV. exorti : cum genuinis observationibus,
tam nudis, quam enodatis, mense Aprili habitis gedani
; cui addita est mantissa prodromi cometici, observationes
omnes prioris cometae M DC LXIV, ex iisq ; genuinum
motum accurate deductum cum notis, & animadversionibus
exhibens ; ad serenissimum Leopoldum, etrueriae principem.*

Author: Hevelius, Johannes, 1611-1687.

Published: Gedani : Autoris typis, et sumptibus, imprimebat S.
Reiniger, 1666.

Subject: Comets --1665.

Comets --1664.

Comets --Early works to 1800.

Other titles: Descriptio cometae anno aerae Christ M.DC.LXV. esorti.

Material: [12], 188 p., [4] leaves of plates : ill. (2 folded) ; 35 cm.

Note: Dudley Collection.

Library has 2 copies.

Title vignette engraved.

Errata list on p. 188 includes errata in his Prodrromus
Cometicus, 1665.

With: Johannes Hevelii Prodrromus cometicus / Johannes
Hevelius. Gedani : Autoris typis Simon Reiniger,
1665. -- Cometa, poema / Michael Kirsten. Hamburgi
: apud Zachariam Hertelium, 1665.

System ID no: ABN-7241

Record #107

QC20 .H6

Title: Operum mathematico-physicorum, tomus primus [-tertius]

Author: Horrebow, Peder, 1679-1764.

Published: Havniae, sumtibus Jacobi Preussii, 1740-1741.

Subject: Mathematical physics.

Material: 3 v. in 1 : ill.,diags.,fold plates (v.3)

Note: Dudley Collection.

t.1. Continens Elementa matheseos, in progressionem
harmonicam mathemata, clavem astronomiae altero tanto
auctiorem.--t.2 Continens Historiam reformationis
calendarii inter evangelicos. Annotationes in monumenta
paschalia antiquorum patrum. M.C.H. Vindicias aerae
Donysonianae. Methodum paschalem, et secundum hanc
computum ecclesiasticum.--t.3. Continens Basin astronomiae
cum triduo Roemeriano. Copernicum triumphantem cum
vindiciis. Atrium astronomiae. Artem interpolandi.

System ID no: ABN-7240

Record #108

QB36.R6 H6

Title: Basis astronomiae; sive, Astronomiae pars mechanica
in qua describuntur observatoria, atqve instrumenta
astronomica Roemeriana Danica; simulqve eorundem
usus, sive Methodi observandi Roemerianae in usum
publicum, & praesertim in gratium una prodeuntis
valde insignis atqve usus amplissimi, nunquam non
posteris memorandi tridui observationum Tusculanarum
Roemeri ex fundamentis exponuntur a Petro Horrebowio.

Author: Horrebow, Peder, 1679-1764.

Published: Havniae, Apud viduam beati Hieron. Christiani Paulli, 1735.

Subject: Romer, Ole, 1644-1710. 1n

Astronomy --Early works to 1800.

Material: 4 p. l., 232 p. front. xi pl. (part fold.) 25 cm.

Note: Dudley Collection.

Programma in obitum Romeri: p. 1-10.

System ID no: ABN-7239

Record #109

QB29 .H44

Title: Selenographia: sive, Lunae descriptio; atque accurata
... delineatio. In qua simul caeterorum omnium planetarum
nativa facies, variaeque observationes ... figuris
accuratissime aeri incisus, sub aspectum ponuntur
... Addita est, lentis expoliendi nova ratio ...

Author: Hevelius, Johannes, 1611-1687

Published: Gedani, Autoris sumtibus, typis Hunefeldianis, 1647.

Subject: Astronomy --Early works to 1800.

Material: 563 p. illus., port. 35 cm.

Note: Dudley Collection.

System ID no: ABN-7238

Record #110

QB721 .H55 1668

Title: Johannis Hevelii Cometographia; totam naturam cometarum...exhiben
s...

Author: Hevelius, Johannes, 1611-1687.

Published: Gedani : Auctoris typis, & sumptibus, imprimebat Simon
Reiniger, 1668.

Subject: Comets --Early works to 1800. cm
Constellations.

Other titles: Cometographia.

Material: [34], 913, [45] p., [38] leaves of plates (4 double
page) : ill. (engravings), coat of arms, tables,
diagrams ; 38 cm.

Note: Dudley Collection.

Added half title page, engraved.

Vignettes, head and tail ornaments.

"Catalogus auctorum, quarum mentio fit in hoc opere"
precedes p. 1.

Index Rerum praecipuarum totius Operis" follows p. 913.

Errata on last leaf.

System ID no: ABN-7237

Record #111

QB41 .H4

Title: Johannes Hevelii Prodomus astronomiae, exhibens fundamenta,
quae tam ad novum plane & correctiorem stellarum
fixarum catalogum construendum, quam ad omnium planetarum

tabulas corrigendas omnimode spectant; nec non novas
& correctiores tabulas solares, aliasque plurimas
ad astronomiam pertinentes ... Quibus additus est
uterque Catalogus stellarum fixarum, tam major ad
annum 1660, quam minor ad annum completum 1700. Accessit
corollarii loco Tabula motus lunae libratorii ...

Author: Hevelius, Johannes, 1611-1687.

Halley, Edmund, 1656-1742. Catalogus stellarum australium.

Published: Gedani, typis J.-Z. Stollii, 1690.

Subject: Astronomy --Early works to 1800.

Other titles: Prodrumus astronomiae.

Material: 10 p. leaves, 350, [2] p., 1 ., 21 p. diagsr., plates
(part fold., part double) port., tables. 37 cm.

Note: Dudley Collection.

Half-title: J. Hevelii Prodrumus astronomiae cum Catalogo
fixarum, & Firmamentum Sobiescianum.

Added engraved half title on double leaves.

"Firmamentum Sobiescianum, sive Uranographia," has
special t.-p., added engr. t.-p. on 2 leaves and
separate paging.

"Edmundi Halleii Catalogus stellarum australium ...
partim correctus, & ad annum Christi MDCC completum
reductus a Jo. Hevelio," p. [309]-320.

With: Annus climactericus / Johannes Hevelius. Gedamo
: Dav.-Frid. Rhetii, 1685. -- Firmamentum Sobiescianum
/ Johannes Hevelius. Gedani : typis J.-Z. Stollii, 1690.

System ID no: ABN-7236

Record #112

QB41 .H4

Title: Firmamentum Sobiescianum; sive, Uranographia, totum
coelum stellatum ... exhibens ...

Author: Hevelius, Johannes, 1611-1687.

Stech, Andreas, 1635-1697.

Published: Gedani, Typis J.-Z. Stollii, 1690.

Subject: Constellations --Early works to 1800.

Material: 21 p., 56 plates. 39 cm.

Note: Dudley Collection.

Added t.p. dated 1687.

The plates and added t.p. engraved by C. de La Haye
after A. Stech.

With: Annus climactericus / Johannes Hevelius. Gedamo
: Dav.-Frid. Rhetii, 1685. -- Johannes Hevelii Prodrumus
astronomiae / Johannes Hevelius. Gedani : typis J.-Z.
Stollii, 1690.

System ID no: ABN-7235

Record #113

QB41 .H4

Title: Annus climactericus, sive rerum uranicarum observationum annus quadragessimus nonus; exhibens diversas occultationes, tam planetarum, quam fixarum post editam machinam coelestem; nec non plurimas altitudines meridianas solis, ac distantias planetarum, fixarumque, eo anno, quousque divina concessit benignitas, impetratas: cum amicorum nonnullorum epistolis, ad rem istam spectantibus: & continuatione historiae novae stellae in collo ceti, ut & annotationum rerum coelestium ...

Author: Hevelius, Johannes, 1611-1687.

Published: Gedamo [Danzig] Dav.-Frid. Rhetii, 1685.

Subject: Astronomy --Early works to 1800.

Material: [12], 24, 196 p. illus., plates 40 cm.

Note: Dudley Collection.

Author's name appears at head of title.

1st ed.; continues the author's *Machinae coelestis pars posterior*, cf. Crawford library p. 235.

With: *Firmamentum Sobiescianum* / Johannes Hevelius.

Gedani : typis J.-Z. Stollii, 1690. -- Johannes Hevelii

Prodromus astronomiae / Johannes Hevelius. Gedani

: typis J.-Z. Stollii, 1690.

System ID no: ABN-7234

Record #114

QC353 .K383 1611

Title: *Perspectiva tribus libris succinctis denuo correctae, et figuris illustrata per Pascasium Hamellium ...*

Author: Peckham, John, d. 1292.

Hamellius, Paschasius, d. 1565.

Published: Lutetiae, Apud Aegidium Gourbinum, 1556.

Subject: Optics --Early works to 1800.

Material: [2], 43 . illus. 22 cm.

Note: Dudley Collection.

First ed. with Hamellius' commentary, additions and illustrations.

With: *Ionnis Kepleri Sae. Cae. Mtis. mathematici Dioptrice*

seu Demonstratio / Johannes Kepler. Augustae Vindelicorum

: Typis Davidis Franci, 1611.

System ID no: ABN-7233

Record #115

QC353 .K383 1611

Title: Ioannis Kepleri Sae. Cae. Mtis. mathematici Dioptrice
seu Demonstratio eorum quae visui & visibilibus propter
conspicilla non ita pridem inventa accidunt : praemissae
epistolae Galilaei de ijs, quae post editionem Nuncij
siderij ope perspicilli, nova & admiranda in coelo
deprehensa sunt : examen praefationis Ioannis Penae
Galli in Optica Euclidis, de usu optices in philosophia.

Uniform title: Dioptrice

Author: Kepler, Johannes, 1571-1630.

Published: Augustae Vindelicorum : Typis Davidis Franci, 1611.

Subject: Optics --Early works to 1800.

Other titles: Dioptrice seu Demonstratio eorum quae visui & visibilibus
propter conspicilla non ita pridem inventa accidunt.
Demonstratio eorum quae visui & visibilibus propter
conspicilla non ita pridem inventa accidunt.

Material: [4], 28, 80, [4] p. : diagrams ; 21 cm. (4to)

Note: Dudley Collection.

Signatures:)(4 a-c4 d2 A-K4 chi2.

With: Perspectiva tribus libris succinctis denuo correctae,
et figuris illustrata per Pascasium Hamellium / John
Peckham. Lutetiae : Apud Aegidium Gourbinum, 1556.

System ID no: ABN-7232

Record #116

QB42 .G74 1726

Title: Astronomiae, physicae & geometricae elementa.

Author: Gregory, David, 1659-1708.

Huart, C.

Published: Genevae, apud Marcum-Michaelem Bousquet & Socios, 1726.

Edition: 2. editio revisa & correctae.

Subject: Astronomy --Early works to 1800.

Halley's Comet.

Material: 2 v. front., tables, fold. plates. 26 cm.

Note: Dudley Collection.

"Editoris praefatio" signed: C. Huart ...

System ID no: ABN-7231

Record #117

QA36 .G3

Title: Werke.

Author: Gauss, Carl Friedrich, 1777-1855.

Published: [Gottingen] K. Gesellschaft der Wissenschaften zu Gottingen
1863-1933.

Subject: Mathematics.

Material: 12 v. in 14. plates, diagrs., tables, facsims. 26 cm.

Note: Library has: vol. 1 & 2 (only) of 12.

Dudley Collection.

"Hrsg. von der K. Gesellschaft der Wissenschaften au Gottingen."

Bd. 1. Disquisitiones arithmeticae. 1863.--Bd. 2. Hohere Arithmetik. 1863.--Bd. 3. Analysis. 1866.--4. Bd. Wahrscheinlichkeitsrechnung und Geometrie. 1873.--Bd. 5. Mathematische Physik. 1867.--Bd. 6. Astronomische Abhandlungen. 1874.--Bd. 7. Theoretische Astronomie. 1906.--Bd. 8. Nachtrage zu Band I-IV. 1900.--Bd. 9. Geodasie. Fortsetzung von Band IV. 1903.--Bd. 10., 1.Abt. Nachtrage zur reinen Mathematik. 1917. 2.Abt. Abhandlungen uber Gauss' wissenschaftliche Tatigkeit auf den Gebieten der reinen Mathematik und Mechanik. 1922-33.--Bd. 11., 1.Abt. Nachtrage zur Physik, Chronologie und Astronomie (Nachtrage zu Band V-VII) 1927. 2.Abt. Abhandlungen uber Gauss' wissenschaftliche Tatigkeit auf den Gebieten der Geodasie, Physik und Astronomie. 1924-29.--Bd. 12. Varia. Atlas des Erdmagnetismus. 1929.

Text in Latin or German.

Title vignette (port. of Gauss)

System ID no: ABN-7230

Record #118

QB281 .G27 1844

Title: Untersuchungen uber Gegenstande der hohern Geodaesie / von Carl Friedrich Gauss ...

Author: Gauss, Carl Friedrich, 1777-1855.

Published: Gottingen : In der Dieterichschen Buchhandlung, 1844-1847.

Subject: Geodesy.

Material: 2 v. ; 29 cm.

Note: Dudley Collection.

Aus dem zweiten Bande der Abhandlungen der Koniglichen Gesellschaft der Wissenschaften zu Gottingen: t.p., Bd. 1.

Title page, Bd. 2: Abhandlungen der mathematischen Classe der Koniglichen Gesellschaft der Wissenschaften zu Gottingen. Dritter Band ...

Caption title, Bd. 2: Untersuchungen uber Gegenstande der hohern Geodasie von Carl Friedrich Gauss. Zweite Abhandlung.

Bound with Gauss, Untersuchungen ... geodaesie from the 3rd v. of the same periodical, with same imprint, dated 1847.

Bound in 1 v.

System ID no: ABN-7229

Record #119

QB355 .G27

Title: Theory of the motion of the heavenly bodies moving about the sun in conic sections: a translation of Gauss's "Theoria motus." With an appendix. By Charles Henry Davis ...

Uniform title: Theoria motvs corporvm coelestivm in sectionibus conicis solem ambientvm. English

Author: Gauss, Carl Friedrich, 1777-1855.

Davis, Charles Henry, 1807-1877.

Published: Boston, Little, Brown and company, 1857.

Subject: Orbits.

Material: xvii, 326 p., 1 l., 40 p. diags. on 8 pl., tables. 29 x 24 cm.

Note: Dudley Collection.

Half-title: Theoria motvs corporvm coelestivm in sectionibvs conicis solem ambientivm avctore Carolo Friderico Gavss.

System ID no: ABN-7228

Record #120

QB355 .G29

Title: Theoria motus corporum coelestium in sectionibus conicis solem ambientium. Auctore Carolo Friderico Gauss.

Author: Gauss, Carl Friedrich, 1777-1855.

Published: Hamburgi, Sumtibus F. Perthes et I.H. Besser, 1809.

Subject: Orbits.

Series: Werke. 7. Bd. ... 1871

Material: 1 p. l., 290, [2] p. diags., tables. 28 cm.

Note: Dudley Collection.

Vignette on added t.-p. (port. of Gauss)

System ID no: ABN-7227

Record #121

QA241 .G26

Title: Disquisitiones arithmeticae. Avctore d. Carolo Friderico Gavss.

Author: Gauss, Carl Friedrich, 1777-1855.

Published: Lipsiae, in commission apvd G. Fleischer, jun., 1801.

Subject: Number theory.

Material: xviii, 668, [10] p. incl. tables. 20 cm.

Note: Dudley Collection.

System ID no: ABN-7009

Record #122

QC385 .G37 1841

Title: Dioptrische Untersuchungen von C. F. Gauss.

Author: Gauss, Carl Friedrich, 1777-1855.

Published: Gottingen, Druck und Verlag der Dieterichschen Buchhandlung,

1841.

Edition: 1st ed.

Subject: Refraction.

Material: 1 p. l., 34 p., 1 l. 26 cm.

Note: Dudley Collection.

System ID no: ABN-7006

Record #123

QB603 .G38 1818

Title: Determinatio attractionis, quam in punctum quodvis positionis datae exerceret planeta, si eius massa per totam orbitam, ratione temporis, quo singulae partes describuntur, uniformiter esset dispersita. / auctore Carolo Friderico Gauss ...

Author: Gauss, Carl Friedrich, 1777-1855.

Dieterich, Henricus.

Published: Gottingae : apud Henricum Dieterich, 1818.

Subject: Planets --Orbits --Early works to 1850. cm

Astronomy --Early works to 1850. cm

Material: 30 p. ; 24 cm.

Note: Dudley Collection.

With: Theorematis fundamentalis in doctrina de residuis quadraticis demonstrationes et ampliaciones novae / Carl Friedrich Gauss. Gottingae : H. Dieterich, 1818.

VCV 860313-4

VCV 860313-4

System ID no: ABN-7004

Record #124

QB603 .G38 1818

Title: Theorematis fundamentalis in doctrina de residuis quadraticis demonstrationes et ampliaciones novae / auctore Carolo Friderico Gauss ...

Author: Gauss, Carl Friedrich, 1777-1855.

Dieterich, Henricus.

Published: Gottingae : Apud Henricum Dieterich, 1818.

Subject: Congruences and residues --Early works to 1850. cm

Other titles: Doctrina de residuis.

Material: 20 p. ; 26 cm.

Note: Dudley Collection.

Originally published in: Commentationes recentiores of the K. Gesellschaft der Wissenschaft zu Gottingen, v. 4 (1816-1818)

With: Determinato attractionis, quam in punctum quodvis positionis datae exerceret planeta... / Carl Friedrich Gauss. Gottingae : H. Dietrich, 1818.

VCV 860313-3

System ID no: ABN-6994

Record #125

QA341.G274 D3 1799

Title: Demonstratio nova theorematis omnem functionem algebraicam
rationalem integram unius variabilis in factores
reales primi vel secundi gradus resolvi posse / auctore
Carolo Friderico Gauss.

Author: Gauss, Carl Friedrich, 1777-1855.

Published: Helmstadii : Apud C.G. Fleckeisen, 1799.

Subject: Functions, Algebraic.

Material: 39, [1] p. ; 24 cm.

Note: Dudley Collection.

Errata: p. [1] at end.

Mansell 192:601 varies in collation (37 p.) and punctuates
title.

Includes bibliographical references.

System ID no: ABN-6990

Record #126

QA29.G3 A43

Title: Briefwechsel zwischen C. F. Gauss und H. C. Schumacher,
hrsg. von C. A. F. Peters.

Author: Gauss, Carl Friedrich, 1777-1855.

Schumacher, Heinrich Christian, 1780-1850.

Peters, Christian August Friedrich, 1806-1880.

Published: Altoona, G. Esch, 1860-65.

Subject: Mathematicians --Correspondence.

Astronomers --Correspondence.

Material: 6 v. in 3. illus. 23 cm.

Note: Dudley Collection.

System ID no: ABN-6988

Record #127

QB36.B8 G37 1654

Title: Tychonis Brahei, equitis dani, astronomorum coryphaei,
vita. Authore Petro Gassendo. Accessit Nicolai Copernici,
Georgii Peurbachii, & Ioannis Regiomontani, astronomorum
celebrium, vita.

Author: Gassendi, Pierre, 1592-1655.

Published: Parisiis, apud viduam Mathvrini Dvpvis, sub signo Coronae
aureae, 1654.

Subject: Brahe, Tycho, 1546-1601. 1n

Copernicus, Nicolaus, 1473-1543. 1n

Peurbach, Georg von, 1423-1461. 1n

Regiomontanus, Joannes, 1436-1476. 1n
Material: 28 p. l., 304 p., 12 l., 110 p., 6 l. ports.
Note: Dudley Collection.
Library has 2 copies.
Title vignette (publisher's device)
"De vita, et morte dn, Tychonis Brahei, &c., oratio
d. Iohan. Iessenii": p. 259-272.

System ID no: ABN-6987

Record #128

B1882 .A2 1658

Title: Opera omnia in sex tomos divisa. Hactenus edita auctor
ante obitum recensuit, auxit, illustravit. Posthuma
vero totius naturae explicationem complectentia,
in lucem nunc primum prodeunt, ex bibliotheca illustris
viri Henrici Ludovici Haberti Mon-Morii.

Author: Gassendi, Pierre, 1592-1655.

Published: Lvgdvni, sumptibus Lavrentii Anisson & Ioan. Bapt.
Devenet, 1658.

Subject: Philosophy.

Science --Early works to 1800.

Habert de Montmor, Henri Louis, d. 1679.

Material: 6 v. front. (port.) illus., pl. 37 cm.

Note: Dudley Collection.

System ID no: ABN-6984

Record #129

QB41 .G2 1656

Title: Institutio astronomica iuxta hypotheses tam veterum
quam Copernici & Tychonis: dictata Parisiis a Petro
Gassendo. Accedunt ejusdem varij tractatus astronomici ...

Author: Gassendi, Pierre, 1592-1655.

Published: Hagae-Comitum, Apud Adrianum Vlacq, 1656.

Edition: Editio ultima paulo ante mortem authoris recognita,
aucta & emendata.

Subject: Gassendi, Pierre, 1592-1655. cn

Astronomy --Early works to 1800.

Gassendi, Pierre, 1592-1655 --Bibliography. cn

Material: 328 p. port., diagrs. 20 cm.

Note: Dudley Collection.

Tractatus astronomici: Mercurius in sole visus, et
Venus invisus Parisiis anno 1631. pro voto & admonitione
Kepleri: cum observatis quibusdam aliis.--Proportio
gnomonis ad solstitialem umbram observata Massiliae,
anno 1636. pro Wendelini voto.--Novem stellae circa
Iovem visae Coloniae-exeunte anno 1642. & ineunte

1643.--Parhelia, sive soles qvatvor apvril, qui circa
verum apparueunt Romae, die xx, mensis martij, anno 1629.
Contains also several letters and poems by various
authors, Gassendi's epitaph, and a list of his works.

System ID no: ABN-6981

Record #130

QA55 .G37 1770

Title: Tables de logarithmes, contenant les logarithmes des
nombres depuis 1 jusqu'a 102100, & les logarithmes
des sinus & des tangentes, de 10 en 10 secondes pour
chaque degre du quart de cercle avec differentes
autres tables ... / Par Monsieur Gardiner.

Author: Gardiner, William.

Pezenas, Esprit, 1692-1776.

Published: Avignon : Chez J. Aubert, 1770.

Edition: Nouv. ed. aug. des logarithmes des sinus & tangentes,
pour chaque seconde des quatre premiers degres.

Subject: Mathematics --Tables.

Logarithms.

Trigonometry --Tables.

Material: [296] p. ; 32 cm.

Note: Dudley Collection.

"A reprint of Gardiner's tables with an addition to
the logarithmic trigonometrical part. The editors
withheld their names but Lalande has recorded them
as Pezenas, Dumas and Blanchard, who were all priests,
and the tables are often cited under the name Pezenas
(*'Tables de Pezenas'*). Cf. Henderson. *Bibliotheca
tabularum mathematicarum ... pt.1.*

System ID no: ABN-6978

Record #131

QB41 .G15 1641

Title: Galilaei Galilaei ... Systema cosmicvm: in qvo dialogis
IV. de duobus maximis mundi systematibus, Ptolemaico
& Copernicano, rationibus vtrinque propositis indefinite
dissertitur. Accessit locorum S. Scripturae cum terrae
mobilitate conciliatio.

Author: Galilei, Galileo, 1564-1642.

Kepler, Johannes, 1571-1630.

Foscarini, Paolo Antonio, 1580-1616.

Bernegger, Matthias, 1582-1640, tr.

Published: Lvgdvni, sumptibus I. A. Hvgvetan, 1641.

Subject: Solar system. cn

Astronomy --Early works to 1800.

Other titles: Systema cosmicvm ...

Dialogvs de systemate mvndi.

Material: 8 p. , 377, [22] p. incl. plate (port.) diagrs. 23 cm.

Note: Dudley Collection.

Added engr. t.-p.: Dialogvs de systemate mvndi ...

Translated by Matthias Bernegger.

"Perioche ex introdvctione in Martem Ioannis Kepleri ... ": p. 348-352.

"Epistola ... Pavli Antonii Foscarini ... circa Pythagoricorum, & Copernici opinionem de mobilitate terrae et stabilitate solis: et de novo systemate seu constitutione mundi: in qva Sacrae Scriptvrae avtoritates, & theologicae propositiones, communiter aduersus hanc opinionem adductae conciliantur ... ": p. [353]-377.

Signatures: *.*4A-Ddd4.

System ID no: ABN-6968

Record #132

QB41 .G15

Title: Siderevs nvnctvs magna, longeque admirabilia spectacula pandens, suspiciendaque proponens vnicuique, praesertim vero philosophis, atq astronomis, quae a Galileo Galileo ... perspicilli nuper a se reperti beneficio sunt obseruata in lvnae facie, fixis innvmeris, lacteo circvlo, stellis nebvlosis, apprime vero in qvatvor planetis circa Iovis stellam disparibus interuallis, atque periodis, celeritate mirabili circumuolutis; quos, nemini in hanc vsque diem cognitos, nouissime author depraehendit primus; atque Medicea sidera nvnctvandos decrevit.

Author: Galilei, Galileo, 1564-1642.

Published: Venetiis, apud T. Baglionum, 1610.

Subject: Astronomy --Early works to 1800.

Satellites --Jupiter. cm

Material: 28 [i.e. 30] numb. l. illus. 24 cm.

Note: Dudley Collection.

Signatures: A-D4[*]2E-G4.

System ID no: ABN-6965

Record #133

QB41 .G14

Title: Dialogo di Galileo Galilei Linceo matematico sopraordinario dello stvdio di Pisa. E filosofo, e matematico primario del serenissimo gr. dvca di Toscana. Doue ne i congressi di quattro giornate si discorre sopra i due massimi sistemi del mondo tolemaico, e copernicano; proponendo

indeterminatamente le ragioni filosofiche, e naturali
tanto per l'vna, quanto per l'altra parte.

Author: Galilei, Galileo, 1564-1642.

Published: Fiorenza, Per Gio: Batista Landini, 1632.

Subject: Astronomy --Early works to 1800. cm

Material: 5 p. ., 458, [32] p. diags. 24 cm.

Note: Dudley Collection.

Added t.p., illus.

Suppressed by the Inquisition in 1633.

System ID no: ABN-6962

Record #134

QB724 .G12

Title: De cometis: or, A discourse of the natures and effects
of comets, as they are philosophically, historically
& astrologically considered. With a brief (yet full)
account of the III late comets, or blazing stars,
visible to all Europe. And what (in a natural way
of judicature) they portend. Together with some observations
on the nativity of the Grand seignior. By John Gadbury ...

Author: Gadbury, John, 1627-1704.

Published: London, Printed for L. Chapman, 1665.

Edition: 1st ed.

Subject: Comets --1664.

Material: 4 p. l., 51 (i.e. 80) p. front., diags. 19 x 15 cm.

Note: Dudley Collection.

Pages 65, 68, 69, 72 and 80 erroneously numbered 57,
60, 61, 64 and 51.

Signatures: A-L4.

Bound in mottled calf.

System ID no: ABN-6959

Record #135

QB42 .F6

Title: *Historiae coelestis britannicae volumen primum[-tertium]*
... / A Joanne Flamstedio ...

Author: Flamsteed, John, 1646-1719.

Crosthwait, Joseph.

Sharp, Abraham, 1651-1742.

Royal Observatory, Greenwich.

Published: Londini : typis H. Meere, M.DCC.XXV. [1725]

Subject: Stars --Catalogs.

Astronomy --Observations.

Astronomy --Early works to 1800.

Material: 3 v. : ill., plates, ports. ; 41 cm.

Note: Dudley Collection.

This work, unfinished at the author's death, was completed by Joseph Crosthwait and Abraham Sharp.

I. Complectens stellarum fixarum nec non planetarum omnium observationes ... in Observatorio regio grenovicensi continua serie ab anno 1675, ad annum 1689.--II. Exhibens fixarum stellarum planetarumque omnium transitus ... in Observatorio regio grenovicensi, ab anno 1689, ad annum 1720.--III. Complectens praefationem ... quae brevem astronomiae historiam praebet ... [et] novum ... catalogum, rectorum adscensionum, distantiarum a polo, longitudinum, latitudinum, & stellarum fixarum magnitudinum.

System ID no: ABN-6958

Record #136

QB41 .F53 1712

Title: *Historiae coelestis libri duo : quorum prior exhibet catalogum stellarum fixarum Britannicum novum & locupletissimum, una cum earundem planetarumque omnium observationibus sextante, micrometro, &c. habitis : posterior transitus syderum per planum arcus meridionalis et distantias eorum a vertice complectitur / observante Johanne Flamsteedio ... in Observatorio regio Grenovicensi ...*

Author: Flamsteed, John, 1646-1719.

Catenaro, I. B. (Juan-Bautista), 18th cent.

Du Guernier, Lud. (Louis), 1677-1716.

Gibs, Jacobus.

Vertue, George, 1684-1756.

Senex, John, d. 1740.

Published: Londini : Typis J. Matthews, 1712.

Subject: Astronomy --Observations --Early works to 1800.

Astrographic catalog and chart --Early works to 1800.

Other titles: *Historia coelestis*.

Material: 2 v. in 1 (581 p. in various pagings), [4] leaves of plates : ill. (engravings) ; 40 cm.

Note: Dudley Collection.

"Continua serie ab anno 1676 ad annum 1705 completum."

Engraved and illustrated half title with author's portrait, signed by I.B. Catenaro and Geo Vertue; following full page dedication letter illustrated and engraved by Jacobus Gibs and Lud. du Guernier.

Plates engraved by Senex.

Preliminary, unauthorized ed., which the author destroyed in large part.

Vol. 1 consists of 7 pts., v. 2 of 3. Each v. and each pt. has separate engraved t.p. with head-pieces.

Pagination: introductory part: [6], vi; v. 1: 60, 387
[i.e. 389], [1] p.; v. 2: 120 p.
Numbers 361 and 362 denote leaves.
Error in paging: p. 34, 131, 162, 163, 211, 235, 281,
326 and 327 respectively numbered: 43, 331, 154,
155, 208, 253, 280, 322, 323.
Misplaced t.p. leaf of v. 2 follows p. 366.
Ms. list of constellations on verso of front end paper.
Nuc Pre-1956 v. 174, p. 523.

System ID no: ABN-6955

Record #137

N6886.N9 D6

Title: Historische nachricht von den nurnbergischen mathematicis
und kunstlern, welche fast von dreyen seculis her,
durch ihre schriftten und kunst-bemuhungen die mathematic
und mehreste kunste in Nurnberg ... befördert ...
an das liecht gestellet, auch mit vielen nutzlichen
anmerkungen und verschiedenen kupffern versehen /
von Johann Gabriel Doppelmayr ...

Author: Doppelmayr, Johann Gabriel, 1671-1750.

Published: Nurnberg : P. C. Monath, 1730.

Subject: Mathematicians.

Artists, German --Nuremberg.

Nuremberg (Germany) --Biography. mn

Bavaria (Germany) --Biography. cn

Material: [28], 314, [18] p. : XV fold. pl. ; 38 cm.

Note: Dudley Collection.

System ID no: ABN-6952

Record #138

QB350.5 .D56 1786

Title: Traite analytique des mouvemens apparens des corps
celestes / par M. Dionis du Sejour ...

Author: Dionis du Sejour, Achille Pierre, 1734-1794.

Published: A Paris : Imprimerie de la Veuve Valade, Rue des Noyers,
[1786-1789]

Subject: Mechanics, Celestial.

Stars --Orbits.

Stars --Motion in line of sight.

Material: 2 v. : ill. (some fold.) ; 27 cm.

Note: Dudley Collection.

Title vignette; head and tail pieces.

System ID no: ABN-6948

Record #139

QB41.S3 D3 1578

Title: Primo volume dell'vso et fabbrica dell'astrolabio,
et de planisferio. Di maestro Egnatio Danti.

Author: Danti, Ignazio, 1537-1586.

Cataldi, Pietro Antonio, d. 1626.

Published: Firenze, Appresso i Giunti, 1578.

Edition: Nuouamente ristampato, & accresciuto in molti luoghi,
con l'aggivnta dell'vso & fabbrica di noue alri istromenti
astronmici, come nella faccia seguente si contiene...

Subject: Astronomy --Early works to 1800. cm

Astronomical instruments.

Ptolemy, fl. 2nd cent. Almagestum. cn

Hipparchus, Bithynius.

Material: 8 leaves, 325. [1] p., 1 leaf ill., tables, diagrs. 22 cm.

Note: Dudley Collection.

Title vignette (coat of arms of the Medici)

Initials.

Printer's mark on recto of last leaf.

The "Istromenti astronomici" described, include the
"Astrolabio armiilare" and other instruments of Ptolemaeus,
and the "Diottra d'Hipparco."

"Anemografia di maestro Egnatio Danti ... In dichiarazione
delle anemoscopio, instrumento mostratore de'venti:
tradotto di latino in vulgare, da m. Pietroantonio
Cattani": p. 251-272.

System ID no: ABN-6945

Record #140

QC855 .D35 1793

Title: Meteorological observations and essays. By John Dalton ...

Author: Dalton, John, 1766-1844.

Published: London, Ostell [1793]

Subject: Meteorology. cm

Material: xvi, 208 p. diagrs. 22 cm.

Note: Dudley collection.

System ID no: ABN-6939

Record #141

QB41 .B73

Title: Historia coelestis [ex libris commentariis manuscriptis
observationum vicennialium viri generosi Tichonis Brahe ...

Author: Brahe, Tycho, 1546-1601.

Curtz, Albert, 1600-1671.

Published: Augustae Vindelicorum, Simonem Utzschneiderum, 1666]

Subject: Astronomy --Early works to 1800.

Astronomy --Observations.

Material: [6], cxxiv, 977 p. illus., plates 32 cm.

Note: Edited by Lucius Barretus, pseud. of Albert Curtz.

Includes Brahe's observations for the years 1582-1592, 1594-1601. Observations for 1593 are supplied from those of Wilhelm, Landgraf von Hesse.

Dudley Collection.

System ID no: ABN-6936

Record #142

QB41 .C76 1566

Title: De revolvitionibus orbium coelestium, libri VI. In quibus stellarum et fixarum et erraticarum motus, ex veteribus atque recentibus observationibus, restituit hic autor. Praeterea tabulas expeditas luculentasque addidit, ex quibus eisdem motus ad quodvis tempus mathematicum studiosus facillime calculare poterit. Item, De libris revolvitionum Nicolai Copernici narratio prima, per Georgium Ioachimum Rheticum ad Ioan. Schonerum scripta.

Author: Copernicus, Nicolaus, 1473-1543.

Rheticus, Joachim Georg, 1514-1576. De libris revolutionum Nicolai Copernici narratio prima.

Published: Basileae, Ex Officina Henricpetrina, 1566.

Subject: Solar system.

Astronomy --Early works to 1800.

Material: [6], 213 leaves diags., tables. 30 cm.

Note: Dudley Collection.

Title vignette (printer's device)

System ID no: ABN-6934

Record #143

QB41 .C76 1543

Title: Nicolai Copernici Torinensis De revolvitionibus orbium coelestium, libri VI. Habes in hoc opere iam recens nato, & aedito, studiose lector, motus stellarum, tam fixarum, quam erraticarum, cum ex ueteribus tum etiam ex recentibus observationibus restitutos: & nouis insuper ac admirabilibus hypothesibus ornatos. Habes etiam tabulas expeditissimas, ex quibus eisdem ad quodvis tempus quam facillime caculare poteris. Igitur eme, lege, fruere. [Line in Greek].

Uniform title: De revolutionibus orbium caelestium

Author: Copernicus, Nicolaus, 1473-1543.

Published: Norimbergae, apud Ioh. Petreium, 1543.

Subject: Solar system --Early works to 1800.

Astronomy --Early works to 1800.
Material: 6 p.l., 196 numb. l. tables, diagrs. 28 cm.
Note: Dudley collection.
System ID no: ABN-6931

Record #144
QB41 .C75

Title: Nicolai Copernici Torinensis. Astronomia instavrata, libris sex comprehensa, qui De revolutionibus orbium caelestium inscribuntur. Nunc demum post 75 ab obitu authoris annum integritate suae restituta, notisque illustrata, opera & studio d. Nicolai Mvlerii ...
Uniform title: De revolutionibus orbium caelestium
Author: Copernicus, Nicolaus, 1473-1543.
Mulerius, Nicolaus, 1564-1630.
Published: Amstelrodami, excudebat Wilhelmus Iansonius, sub Solari aureo, [1617]
Subject: Solar system --Early works to 1800. cn
Astronomy --Early works to 1800.
Other titles: Astronomia instavrata.
Material: 11 p.l., 487 p. tables, diagrs. 34 cm.
Note: Dudley Collection.
Signatures: [sec]4 3*4 4*4 (last leaf wanting), A-Z4
Aa-Zz4 Aaa-Ppp4 (verso of last leaf blank)
Title vignette (Publisher's device)
System ID no: ABN-6929

Record #145
QB725 .C55 1762

Title: Recherches sur la comete des annees 1531, 1607, 1682 et 1759, pour servir de supplement a la theorie, par laquelle on avoit annonce en 1758 le tems du retour de cette comete / piece de Mr. Clairaut ...
Author: Clairaut, M., 1713-1765.
Published: A St. Petersbourg : De l'Imprimerie de l'Academie imperiale des sciences, 1762.
Subject: Comets --Early works to 1800.
Material: 42 p., [1] folded leaf, [1] folded leaf of plates : diagrams ; 22 cm. (4to)
Note: Dudley Collection.
Signatures: A-E4 F1. The folded leaf (table) is inserted after C3.
With : Brevi's expositio observationum occasione transitus Veneris per solem in urbe Selenginsk anno 1761 institutarum / Stepan Rumovskii. Leningrad : Typis Academiae Scientiarum, 1762.

Freitag, R.S. Halley's Comet, 481
System ID no: ABN-6926

Record #146
QA531 .C38

Title: Trigonometria plana, et sphaerica, linearis, & logarithmica
: hoc est tam per sinuum, tangentium, & secantium
multiplicationem, ac diuisionem iuxta veteres : quam
per logarithmorum simplicem fere additionem iuxta
recentiores : ad triangulorum dimetiendos angulos,
& latera procedens : cum canone duplici trigonometrico,
& chiliade numerorum absolutorum I vsque ad 1000,
eorumque logarithmis, ac differentijs ... / auctore
Bonaventura Cavalerio.

Author: Cavalieri, Bonaventura, 1598-1647.

Published: Bononiae : Typis Haeredis Victorij Benatij, 1643.

Subject: Trigonometry --Early works to 1800.

Trigonometry --Tables.

Logarithms.

Material: 71, [104] p., [1] folded leaf of plates : ill. ; 23 cm.

Note: Dudley Collection.

Title and text within double line borders.

Most of text in double columns.

System ID no: ABN-6922

Record #147
QB42 .C31 1740

Title: Tables astronomiques du soleil, de la lune, des planetes
des etoiles fixes, et des satellites de Jupiter et
de Saturne : avec l'explication & l'usage de ces
memes tables / par M. Cassini.

Author: Cassini, Jacques, 1677-1756.

Published: A Paris : Imprimerie Royale, 1740.

Subject: Astronomy --Tables. cm

Material: xiv, [6], 120, 222 p. : ill. (some folded) ; 26 cm.

Note: Dudley Collection.

Title vignette.

To accompany Elements d'astronomie.

System ID no: ABN-6918

Record #148
QB42 .C3

Title: Elements d'astronomie. Par M. Cassini ...

Author: Cassini, Jacques, 1677-1756.

Published: Paris, De l'Imprimerie royale, 1740.

Subject: Astronomy --Early works to 1800.

Material: xvi, [12], 643 p. 88 diagr. on 21 fold. pl. 26 cm.

Note: Dudley Collection.

Title vignette.

System ID no: ABN-6917

Record #149

QB41 .B6

Title: Ismaelis Bullialdi Astronomia philolaica : Opus novum, in quo motus Planetarum per nouam ac veram hypothesim demonstrantur / Mediique motus, aliquot obseruationum autoritate, ex Manuscripto Bibliothecae Refiae quae hactenus omnibus astronomis ognuotae fuerunt, stabiliuntur.

Uniform title: Astronomia philolaica

Author: Boulliau, Ismael, 1605-1694.

Published: Parisiis : Sumptibus Simeonis Piget, 1645.

Subject: Astronomy --Early works to 1800.

Material: 22, [6], 469, 232 p. : ill., diagrs., tables ; 36 cm.

Note: Dudley Collection.

Printer's device on the title page.

Head and tail pieces; initials.

"Tabulae philolaicae": 232 p. at end.

Pages 149-50 are folded tables; some pages numbered incorrectly.

Each chapter has special title-page not always included in paging.

System ID no: ABN-6916

Record #150

QB41 1601

Title: Tychonis Brahe Dani Epistolarum astronomicarum libri : quorum primus hic illustriss. et laudatiss. principis Gulielmi Hassiae Landtgravij ac ipsius mathematici literas, vna[que] responsa ad singulas complectitur.

Uniform title: Epistolarum astronomicarum libri

Author: Brahe, Tycho, 1546-1601.

Wilhelm IV, Landgrave of Hesse, 1532-1592.

Rothmann, Christoph, 16th cent.

Published: Noribergae : Apud Levinum Hulsium, 1601.

Subject: Astronomy --Early works to 1800.

Wilhelm IV, Landgrave of Hesse, 1532-1592 --Correspondence. cn

Rothman, Christoph, 16th cent. --Correspondence.

Astronomers --Correspondence.

Other titles: Epistolarum astronomicarum libri.

Material: [40], 309, [3] p. : ill., diagrams, 1 map, plans ; 24 cm. (4to)

Note: Dudley Collection.

This volume contains correspondence in Latin and German with Landgrave Wilhelm and his astronomer Christopher

Rothmann. Subsequent volumes were never published.

Cf. Tycho Brahe / J.L.E. Dreyer. 1890. p. 228.

A reissue of the 1596 ed., with the 1st gathering reset.

Cf. Zinner.

The 1596 colophon reads: Vraniburgi : Ex officina typographica
authoris ...

Signatures: *4 (:):4):(4 (*)4)*(4 A-2Q4.

Zinner, E. Astronomische Lit. in Deutschland, 3878.

System ID no: ABN-6913

Record #151

QC353 .B67 1766

Title: Dissertatio de lunae atmosphaera. Auctore P. Rogerio Josepho ...

Author: Boscovich, Ruggero Giuseppe, 1711-1787.

Published: Vindobonae [i.e. Vienna] Typis Johann Thomas nob. de
Trattnern, 1766.

Subject: Moon.

Material: 2 p. l., [3]-111 p. fold. plate. 24 cm.

Note: Dudley Collection.

With: Dissertatio de lumine / Ruggero Giuseppe Boscovich.

Vindobonae : Typis J.T. nob de Trattnern, 1766.

System ID no: ABN-6856

Record #152

QC353 .B67 1776

Title: Dissertatio de lumine auctore P. Rogerio Josepho Boscovich...

Author: Boscovich, Ruggero Giuseppe, 1711-1787.

Published: Vindobonae, Typis J.T. nob de Trattnern, 1766.

Subject: Light.

Material: 1 p. ., 145 p. 2 plates. 24 cm.

Note: Dudley Collection.

With: Dissertatio de lunae atmosphaera / Ruggero Giuseppe

Boscovich. Vienna : Typis J.T. nob de Trattnern, 1766.

System ID no: ABN-6853

Record #153

QC19 .B67 1759

Title: Philosophiae naturalis theoria : redacta ad unicam
legem virium in natura existentium / auctore Rogerio
Josepho Boscovich ...

Author: Boscovich, Ruggero Giuseppe, 1711-1787.

Scherffer, Karl, 1716-1782.

Published: Viennae Austriae : Apud Augustinum Bernardi, 1759.

Subject: Physics --Early works to 1800.

Material: 16 p., [22], 322, [16], 40 p., [5] folded leaves of
plates : ill. ; 23 cm.

Note: Dudley Collection.

"Epistola Rogerii Jos. Boscovich ad Carolum Scherffer":

16 p. at beginning.

System ID no: ABN-6848

Record #154

QB581 .B68 1753

Title: De lunae atmosphaera : dissertatio / auctore P. Rogerio
Josepho Boscovich.

Author: Boscovich, Ruggero Giuseppe, 1711-1787.

Monaldini, Venantius, bookseller.

Salomonius, Generosus, printer.

Published: Romae : Ex typographia Generosi Salomoni, apud Venantium
Monaldini Bibliopolam, 1753.

Subject: Moon --Early works to 1800. cm

Optics, Geometrical --Early works to 1800. cm

Other titles: De lunae atmosphaera dissertatio.

Material: lxxv, [1] p., [1] leaf of plates : ill. ; 26 cm.

Note: Dudley Collection.

Errata corrige: p. [lxxvi]

VCV 860218-8

System ID no: ABN-6844

Record #155

QB201 .B67 1795

Title: Anleitung zur geographischen Ortsbestimmung vorzueglich
vermittelst des Spiegelsextanten / von M. J.G.F.
Bohnenberger ; mit sieben Kupfertafeln.

Author: Bohnenberger, J. G. F. (Johann Gottlieb Friedrich), 1765-1831.

Published: Gottingen : Bey Vandenhok und Ruprecht, 1795.

Subject: Astronomy, Spherical and practical --Early works to 1800.

Sextant --Early works to 1800.

Other titles: Geographischei Ortsbestimmung.

Material: VIII, [10], 514 p., VII folded leaves of plates : ill.
; 20 cm. (8vo)

Note: Dudley Collection.

Spine title: Geographischei Ortsbestimmung.

Signatures: *8 **1 A-2I8 chi1.

Includes bibliographical references.

System ID no: ABN-6841

Record #156

QB6 .B53 1805

Title: Vorstellung der Gestirne auf vier und dreyssig kupfertafeln
nebst einer anweisung zum Gebrauch und einem Verzechnisse
von 5877 sternem, nebelflecken und sternhaufen /

von J. E. Bode.

Author: Bode, Johann Elert, 1747-1826.

Published: Berlin und Stralsund ; bey Gottlieb August Lange, 1805.

Edition: Zweyte sehr verbesserte und vermehrte ausgabe.

Subject: Stars --Catalogs.

Astronomy --Tables. cm

Material: [4], xv, [5], vi, [2], 127, [5], 132 p.; 28 cm. + 1
atlas ([1], 34 leaves of plates : ill.; 24 x 28 cm.)

Note: Added title page in French : Representation des astres...

Dudley Collection.

Reference : Warner, D., Sky explored, p. 35.

Text in German and French on opposite pages.

Accompanied by separate volume of plates, Die gestirne,
without author or imprint, but with plates and title
engraved by D. Berger and dated 1805.

System ID no: ABN-6839

Record #157

QB65 .B64 1801

Title: Joannis Elerti Bode Uranographia, sive astrorum descriptio
viginti tabulis aeneis incisa ex recentissimis et
absolutissimis astronomorum observationibus ...

Uniform title: Uranographia

Author: Bode, Johann Elert, 1747-1826.

Published: Berolini : apud autorem, 1801.

Subject: Astronomy --Atlases.

Stars --Atlases.

Material: [6] p. : 20 double maps ; 54 x 66 cm.

Note: Title on double page.

Dudley Collection.

System ID no: ABN-6837

Record #158

QB42 .B62

Title: Erläuterung der Sternkunde und der dazu gehörigen Wiessenschaften
/ von J.E. Bode.

Author: Bode, Johann Elert, 1747-1826.

Published: Berlin : Himburg, 1793.

Edition: 2. sehr verm. und verb. Aufl.

Subject: Astronomy.

Material: 2 v. in 1 . (908 p.) : ill. ; 22 cm.

Note: Dudley Collection.

Includes bibliographical references.

System ID no: ABN-6836

Record #159

QB6 .B62

Title: Allgemeine Beschreibung und Nachweisung der Gestirne, nebst Verzeichniss der geraden Aufsteigung und Abweichung von 17240 Sternen, Doppelsternen, Nebelflecken und Sternhaufen. Von J. E. Bode ... (Zu dessen Uranographie gehorig.) ... Description et connoissance generale des Constellations ...

Author: Bode, Johann Elert, 1747-1826.

Published: Berlin, L'auteur, 1801.

Subject: Stars --Catalogs.

Astronomy --Tables. cm

Astronomy --Charts, diagrams, etc.

Other titles: Description et connoissance generale des constellations. Uranographie.

Material: 32, 96 p. illus. 44 x 27 cm.

Note: Dudley Collection.

German and French in parallel columns.

System ID no: ABN-6835

Record #160

QB621 .B5 1728

Title: Hesperi et phosphori nova phaenomena sive observationes circa planetan Veneris ... A Francisco Bianchino ...

Author: Bianchini, Francesco, 1622-1729.

Published: Romae, Joannem Mariam Salvioni, 1728.

Subject: Venus (Planet).

Material: viii, 92 p. front., illus., fold. plates. 38 cm.

Note: Dudley Collection.

System ID no: ABN-6833

Record #161

QB66 .B63 1655

Title: Gvilielmi Blaeu Institvtio astronomica de usu globorum & sphaerarum caelestium ac terrestrium: dvabvs partibvs adornata, vna, secundum hypothesin Ptolemaei, per terram quiescentem. Altera, juxta mentem N. Copernici, per terram mobilem. Latine reddita a M. Hortensio ...

Author: Blaeu, Willem Janszoon, 1571-1638.

Hortensius, Martinus, 1605-1639.

Published: Amstelaedami, apud J. Blaeu, 1655.

Subject: Globes.

Sundials.

Other titles: Institvtio astronomica de usu globorum ...

Material: 10 p. ., [5]-243 p. illus., diagrs. 19 cm.

Note: Dudley Collection.

System ID no: ABN-6832

Record #162

QA3 .B52

Title: Johannis Bernoulli ... Opera omnia, tam antea sparsim edita, quam hactenus inedita ...

Author: Bernoulli, Jean, 1667-1748.

Cramer, Gabriel, 1704-1752.

Published: Lausannae, Genevae, sumptibus M.M. Bousquet & sociorum, 1742.

Subject: Mathematics --Early works to 1800. cm

Mechanics --Early works to 1800. cm

Other titles: Opera omnia.

Material: 4 v. 2 port. (incl. front.) diagr. on 91 fold. pl. 25 x 19 cm.

Note: Dudley Collection.

Title in red and black; title vignette; initials; head and tail pieces.

t. 1. 1690-1713.--t. 2. 1714-1726.--t. 3. 1727 ad hanc usque diem. Accedunt lectiones mathematicae de calculo integralium.--t. 4. Anecdota.

System ID no: ABN-6831

Record #163

QB31 .B52

Title: Lettres astronomiques ou l'on donne une idee de l'etat actuel de l'astronomie pratique dans plusieurs villes de l'Europe. Par M. Jean Bernoulli.

Author: Bernoulli, Jean, 1744-1807.

Published: Berlin, Chez l'auteur, 1771.

Subject: Astronomy --History.

Astronomy --Observations --Early works to 1800.

Material: 4 p.l., 175 p. 2 fold pl. 20 cm.

Note: Dudley Collection.

System ID no: ABN-6827

Record #164

QB65 .B29 1661

Title: Ioannis Bayeri Rhainani I.C. vranometria : omnivm asterismorvm continens schemata, nova methodo delineata, aereis laminis expressa / Ioannis Bayeri.

Uniform title: Uranometria. 1661

Author: Bayer, Johannes, 1572-1625.

Mair, Alexander, ca. 1559.

Published: Vlmae : Sumptibus Iohannis Gorlini, 1661.

Subject: Astronomy --Charts, diagrams, etc.

Stars --Atlases.

Astronomy --Early works to 1800.

Other titles: Vranometria.

Material: a-ccc leaves : all maps ; 32 x 41 cm.

Note: Dudley Collection.

Engravings by Alexander Mair.

System ID no: ABN-6817

Record #165

QB41 .B35 1697

Title: Explicatio characterum aeneis uranometrias imaginum, tabulis, insculptorum, addita, & commodiore hac forma tertium redintegrata.

Author: Bayer, Johannes, 1572-1625.

Published: Ulmae, sumptibus Joan. Wolfgangi Beuerlin, 1697.

Subject: Astronomy --Early works to 1800.

Material: 7 p. l., 94 p. 33 cm.

Note: Dudley collection.

Signatures: A-N4, O2 (F1 signed E).

Page 27 misnumbered p. 2.

System ID no: ABN-6815

Record #166

QB41 .B37 1640

Title: Joannis Bayeri Rhainani, J.C. Explicatio characterum Aeneis Uranometrias : imaginum, tabulis, insculptorum, addita, & commodiore hac forma tertium redintegrata.

Uniform title: Explicatio characterum Aeneis Uranometrias

Author: Bayer, Johannes. 1572-1625.

Published: Ulmae Suevorum : Impensis Johannis Gerlini, bibliopolae, typis Balthasari Kuhnen, anno 1640.

Subject: Astronomy --Early works to 1800.

Constellations --Early works to 1800.

Stars --Early works to 1800.

Other titles: Explicatio Characterum Aeneis Uranometrias.

Material: [14], 93, [1] p. ; 20 cm.

Note: Dudley Collection.

Title vignette, head and tail-pieces, initials.

Includes index.

System ID no: ABN-6811

Record #167

QB724 .B37 1665

Title: Erasmi Bartholini De cometis anni MDCLXIV. & MDCLXV. opusculum : ex observationibus Hauniae habitis adornatum.

Author: Bartholinus, Erasmus, 1625-1698.

Published: Hafniae : Typis Matthiae Godicchenii, Impensis Petri Hauboldi, 1665.

Subject: Comets --1664-1665.
Astronomy --Observations --Denmark --Copenhagen.
Other titles: De cometis anni MDCLXIV. & MDCLXV. opusculum.
Material: [8], 88 p., [3] leaves of plates (2 folded) : ill. ; 20 cm.
Note: Dudley Collection.
System ID no: ABN-6808

Record #168
QB724 .B3

Title: An astronomically description of the late comet from
the 18. of Nouemb. 1618. to the 16. of December following.
With certaine morall prognosticks or applications
drawne from the comets motion and irradiation amongst
the celestiall hieroglyphicks. By vigilant and diligent
obseruations of Iohn Bainbridge.
Author: Bainbridge, John, 1582-1643.
Published: London, Printed by E. Griffin for J. Parker, 1619.
Subject: Comets --1618.
Material: [6], 42 p. illus., fold. plate 18 cm.
Note: Dudley Collection.
System ID no: ABN-6806

Record #169
QB18 .B15

Title: Traite de l'astronomie indienne et orientale, ouvrage
qui peut servir de suite a l'Histoire de l'astronomie
ancienne. Par M. Bailly.
Author: Bailly, Jean Sylvain, 1736-1793.
Published: Paris, Debure l'aîné, 1787.
Subject: Astronomy, Hindu.
Astronomy --History.
Material: 2 p.l., cixxx, 427 p. tables. 27x21 cm.
Note: Dudley Collection.
System ID no: ABN-6802

Record #170
QB28 .B15

Title: Histoire de l'astronomie moderne depuis la fondation
de l'école d'Alexandrie, jusqu'à l'époque de M.D.CC.XXX.
Par M. Bailly ...
Author: Bailly, Jean Sylvain, 1736-1793.
Published: Paris, Chez De Bure, 1785.
Edition: Nouv. ed. ...
Subject: Astronomy --History.
Material: 3 v. 18 fold. pl. (incl. 2 charts) 26 x 21 cm.
Note: Dudley Collection.

On t.-p. of v. 3: Jusqu'a l'epoque de M.D.CC.LXXXII.
System ID no: ABN-6799

Record #171

QB16 .B2

Title: Histoire de l'astronomie ancienne, depuis son origine
jusqu'a l'etablissement de l'ecole d'Alexandrie /
par M. Bailly ...

Author: Bailly, Jean Sylvain, 1736-1793.

Published: Paris : Freres Debure, 1775.

Subject: Astronomy --History.

Astronomy, Ancient.

Material: [2], xxii, 526 p. : 3 fold pl. ; 26 cm.

Note: Dudley Collection.

Library has 2 copies.

Head and tail pieces.

System ID no: ABN-6797

Record #172

QB23 .A77 1790

Title: Globus caelestis cufico-arabicus Veliterni musei borgiani,
illustratus, praemissa ejusdem De Arabum astronomia
dessertatione et adjectis duabus epistolis Cl. Josephi Toaldi.

Author: Assemani, Simone, 1752-1821.

Toaldi, Guiseppe, 1719-1798.

Museo Borgiano (Rome, Italy)

Published: Patavii, typis seminarii, 1790.

Subject: Astronomy, Arabic.

Globes.

Material: 8 p. ., ccxix, [1] p., 4 . 3 fold. tab. 31 cm.

Note: Dudley Collection.

"Excerptim ex Actis Academiae Patavinae scientiarum
litterarum et artium: 4 leaves at end.

System ID no: ABN-6796

Record #173

PA3895.A44 A69 1519

Title: Aristotelis Stagyrtae Libri de Coelo IIII / Argiropilo
interprete ; De Generatione II / Nypho [interprete]
; Meteororum IIII / Boetio [interprete] ; adiectis
Eckij commentarijs.

Uniform title: Selections. Latin

Author: Aristotle.

Argyropoulos, Ioannes, d. 1486.

Eck, Johann, 1486-1543.

Published: Auguste Vindelico[um] : Excusa in officina Sigismundi

Grim[m] ... & Marci Vuysung, 1519 decimo quinto
[15] Kalen[d]. Iun.

Other titles: Libri de coelo IIII.

De caelo.

De generatione et corruptione.

Meteorologica.

Material: CXXV, [1] leaves : ill. ; 32 cm. (fol.)

Note: Dudley Collection.

Imprint from colophon.

Signatures: a-x6.

Title-vignette: arms of the Bishop of Bamberg.

Publishers' armorial device on recto of final leaf.

With: Almagestum Cl. Ptolemei / Ptolemy. Venetijs
: ductu Petri Liechtenstein, 1515.

System ID no: ABN-6795

Record #174

QA22 .A66 1661

Title: Apollonii Pergaei Conicorum lib. V, VI, VII, paraphraste
Abalphato Asphahanensi, nunc primum editi / Additus
in calce Archimedis assumptorum liber, ex codicibus
arabicis m.ss ... Abrahamus Ecchellensis ... latinis
reddidit. Io. Alfonsus Borellus ... curam in geometricis
versioni contulit, & notas uberiores in uniuersum
opus adiecit.

Author: Apollonius, of Perga.

Borelli, Giovanni Alfonso, 1608-1679.

Ecchellensis, Abraham, d.1664.

Abu al-Fath ibn Muhammad ibn al-Kasim ibn Fadhl, al Isfahani.

Published: Florentiae : Ex typographia I. Cocchini, 1661.

Subject: Mathematics, Greek.

Mathematics --Early works to 1800.

Conic sections.

Other titles: Conicorum lib. V. VI. VII. paraphraste Abalphato Asphahensi,
nunc primum.

Material: [36], 415 p. : diags.

Note: Dudley Collection.

System ID no: ABN-6794

Record #175

GA6 .A42

Title: Cosmographicvs liber Petri Apiani mathematici, iam
denuo integritati restitutus per Gemmam Phrysiam.
Item eiusdem Gemmae Phrysij Libellus de locorum describendorum
ratione, & de eorum distantijs inueniendis, nunq
ante hac visus.

Author: Apian, Peter, 1495-1552.
Gemma, Frisius, 1508-1555.
Published: Vaeneunt [Antuerpiae] in Pingui gallina per Arnoldum
Birckman [1533]
Subject: Cosmography.
America --Early accounts to 1600.
Other titles: Cosmographia.
Material: 66 numb. 1. illus., tables, diagrs. 21 x 16 cm.
Note: Dudley Collection.
On recto of last leaf, printer's mark [no. 3] of Jean
Grapheus; on verso, device [no. 7] of Arnold Birckman.
Dedication by Petrus Apianus, Jated Landisuta, anno
M.D.xxiiii. septimo calend. februarias.
Signatures: A-I, K-P4, Q6.
Leaves signed Aij-[Qvi] are numbered iii-lxvi.
Title vignette. Fol. xxxv-lii in double columns.
Revolving diagrams on verso of 1. 9 and 12, and on
recto of 32 and 53.
For full description see Ortroy, bibliographie de l'oeuvre
de Pierre Apian. 1902. no. 27.
System ID no: ABN-6792

Record #176

QB41 .I36 1571

Title: Albohazen Haly filii Abenragel, scriptoris Arabici,
De iudiciis astrorum libri octo, / doctorum aliquot
virorum opera in Latinum sermonem conuersi, postremo
autem summa cura & diligenti studio a barbarie uindicati
& puritati linguae donati, per Antonium Stupam Rhaetum
Praegalliensem. Accessit huic operi hac demum editione,
Compendium duodecim domorum coelestium, ... Authore
Petro Liechtenstein. ...
Uniform title: Liber de iudiciis astrorum. Latin
Author: Ibn Abi al-Rijal, Abu al-Hasan `Ali, fl. 1016-1040.
Stupa, Antonius.
Liechtenstein, Petrus.
Published: Basileae, : Ex Officina Henricpetrina., M. D. LXXI. [1571]
Subject: Astrology, Arab.
Astrology --Early works to 1800.
Other titles: De iudiciis astrorum libri octo.
De iudiciis astrorum libri octo.
Material: [28], 586, [2] p. : ill. ; 33 cm. (fol.)
Note: Dudley Collection.
Translation of: Al-bari` fi ahkam al-nujum.
Publication date from colophon on p. [587], which indicates
that the work was published "mense Martio" of that year.

Signatures: a6 a8 (a8 blank) A-2C6.
Title vignette (publisher's device); the device is
also found in larger form on p. [588]
Adams A70
Grasse, I, p. 59
Houzeau & Lancaster. *Astronomie* (1964 ed.), 3870
Zinner, E. *Geschichte und Bib. der astronomischen
Lit.* (1964 ed.), 2544.

System ID no: ABN-6791

Record #177

QC353 .A33

Title: *Opticae thesaurvs. Alhazeni Arabis libri septem, nunc
primum editi. Eivsdem liber De crepvsclis & nubium
ascensionibus. Item Vitellonis Thvringopoloni libri
x. Omnes instaurati, figuris illustrati & aucti,
adiectis etiam in Alhazenum commentarijs, a Federico Risnero.*

Author: Alhazen, 965-1039.

Witelo, 13th cent.

Risner, Friedrich, d. 1580.

Gherardo, da Cremona, 1113 or 14-1187.

Published: Basileae, per Episcopios, 1572.

Subject: Optics.

Material: [6], 288, [8], 474, [2] p. : ill., diags. ; 34 cm.

Note: Dudley Collection.

System ID no: ABN-6789

Record #178

QB41 .A38 1492

Title: *Tabule astronomice Alfonsi Regis.*

Author: Alfonso X, King of Castile and Leon, 1221-1284.

Moravus, Augustinus.

Santritter, Joannes Lucilius. *Canones in Tabulae Alphonsi.*

Published: Venice (Veneto), Johannes Hamman, 1492.

Edition: [2d ed.?)

Subject: Astronomy --Early works to 1800.

Material: [225] p. illus. 21 cm.

Note: Dudley Collection.

Woodcut initials.

Includes additions of Augustinus Moravus and the *Canones
in Tabulae Alphonsi* by Johann Lucilius Santritter, editor.

System ID no: ABN-6784

Record #179

BF1676 .A25 1515

Title: *De magnis [con]iunctionibus: anno[rum] reuolutio[n]ibus:*

ac eo[rum] profectionibus: octo [con]tine[n]s tractatus.
Author: Abu Ma`shar, 805 or 6-886.
al-Kindi, d. ca. 873.
Joannes Hispalensis, 12th cent.
Published: [Venetijs, Mandato [et] expensis M. Sessa, per J. Pentium
de Leucho, 1515]
Subject: Astrology, Arab.
Other titles: De magnis coniunctionibus.
Material: [94] l. illus., diagsr. 21 cm.
Note: Dudley Collection.
First edition, Augsburg, 1489.
Essentially a translation by Joannes Hispalensis of
the Kitab ahkam sini al-mawalid (Book of revolutions
of the birth-years) and other writings, based in
great part on al-Kindi. cf. Enzyk. d. Islam and Sarton,
Introd. hist. sci. [1927] v. 1, p. 568.
System ID no: ABN-6782

Record #180

QB372 .H47 1770

Title: Commentarius observationum physico astronomicarum et
meteorologicarum / auctore D. Ioanne Friderico Ackermann ...
Author: Ackermann, Johann Friedrich, 1726-1804.
Published: Kiliae Holstat. A.R.S. : Typis M.F. Bartschii, 1770.
Subject: Astronomy --Early works to 1800.
Astronomy --Observations.
Meteorology --Observations.
Material: [10], [3]-131 [i.e. 133], [1] p., [1] folded leaf of
plates : ill. ; 23 cm.
Note: Dudley Collection.
Added p. 88b and 88c.
Errata: [1] p. at end.
System ID no: ABN-6779

Record #181

QB41 .A16 1693

Title: Recueil d'observations faites en plusieurs voyages
par ordre de sa majeste : pour perfectionner l'astronomie
et la geographie. Avec divers traitees astronomiques
/ Par Messieurs de l'Academie Royale des Sciences.
Author: Academie royale des sciences (France)
Cassini, Giovanni Domenico, 1625-1712.
Picard, M. (Jean), 1620-1682.
La Hire, Phillipe, 1640-1718.
Richer, Jean, 1630-1666.
Published: Paris : De L'Imprimerie royale, 1693.

Subject: Astronomy --Early works to 1800.

Material: 1 v. (various pagings) : ill., maps (part fold.), tables, diagrs. ; 37 cm.

Note: Dudley Collection.

Contains eight contributions by Messrs. Cassini, Richer, Picard, and de la Hire, some with individual title-pages. Republished later as part of t.7 of the Society's Memoires.

[1] De l'origine & du progres de l'Astronomie, & de son usage dans la Geographie & dans la Navigation, par M. Cassini. 43 p. - [2] Observations Astronomiques & Physiques faites en l'Isle de Cayenne, par M. Richer. 1679. 71 p. - [3] Voyage d'Uranibourg, par M. Picart. 1680. 92 p. - [4] Observations Astronomiques faites en divers endroits du Royaume, par M. Cassini. 20 p. [Misbound following part 1] - [5] Les Elemens d'Astronomie verifiez par M. Cassini, par le rapport de ses Tables aux observations de M. Richer faites en l'Isle de Cayenne. 1684. 74 p. - [6] Decouverte de la lumiere celeste qui paroist dans le zodiaque, par M. Cassini. 1685. 68 p. [7] Regles d'Astronomie Indienne pour calculer les mouvemens du Soleil & de la Lune, par M. Cassini. 1689. 64 p. - [8-9] Les Hypotheses & les Tables des Satellites de Jupiter, par M. Cassini. 52, 106 p.

System ID no: ABN-6776

Record #182

QA33 .A16 1693

Title: Divers ouvrages de mathematique et de physique / par messieurs de l'Academie royale des sciences.

Author: Academie royale des sciences (France)

Huygens, Christiaan, 1629-1695.

Picard, M. (Jean), 1620-1682.

Published: A Paris : De l'Imprimerie royale, 1693.

Subject: Mathematics --Early works to 1800. cm

Physics --Early works to 1800. cm

Material: [8], 518, [1] p. : ill. ; 37 cm. (fol.)

Note: Dudley Collection.

French or Latin.

Signatures: pi2a2A-6O25P[i.e 6P]2.

First leaf blank.

Contains works by Messrs. Frenicle, Roberval, Huygens, Picard, Mariotte, and Romer.

System ID no: ABN-6774