

**ŚWIATOWY
KONGRES
KOPERNIKAŃSKI**

Recepcja myśli Kopernika we wczesnonowożytnej Anglii

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2023-10-25





1. Rodzaje recepcji – Kopernik w kulturze pamięci
2. Dotychczasowe badania nad recepcją kopernikanizmu w Anglii
3. Najnowsze badania prowadzone w IHN PAN
4. Perspektywy dalszych badań



Kultura pamięci

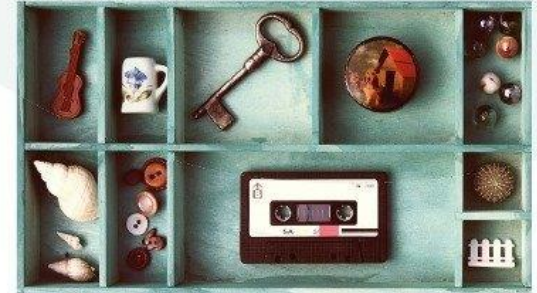
- Wymiar materialny
- Wymiar społeczny
- Wymiar mentalny

communicare

Astrid Erll

Kultura pamięci

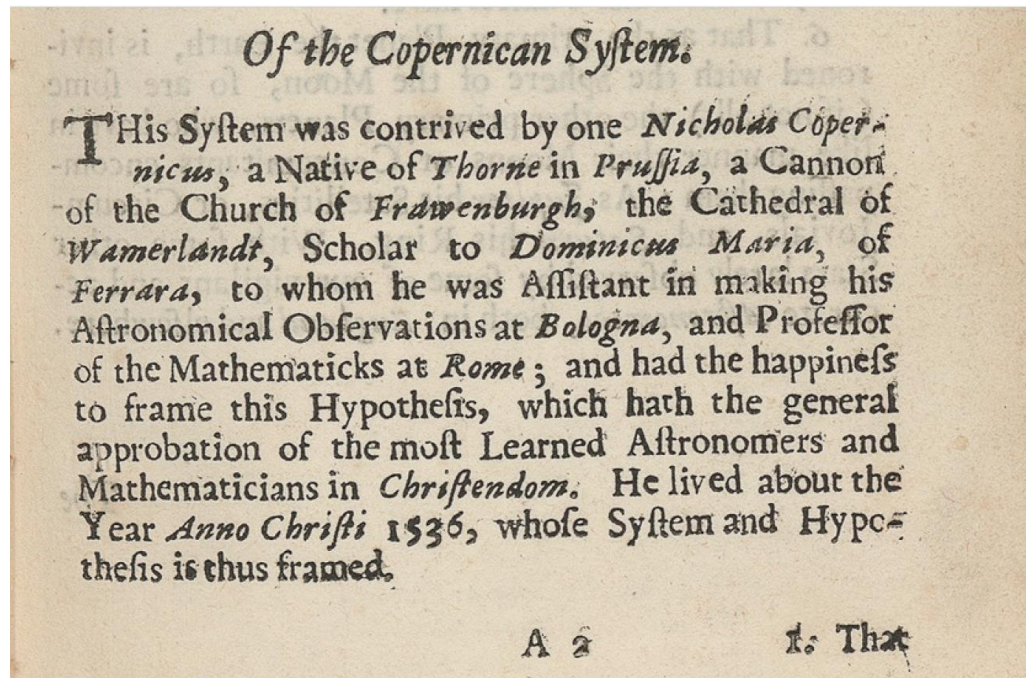
Wprowadzenie



Recepcja

- ⊙ Dokonania matematyczne
- ⊙ Obserwacje astronomiczne
- ⊙ Teoria kosmologiczna

- ⊙ Biografia
- ⊙ Kopernik w kulturze umysłowej – np. jako figura retoryczna; postać literacka
- ⊙ Wydania dzieł



John Seller, *Atlas Cælestis*
(1677)

Thomas Digges, the Copernican System, and the Idea of the Infinity of the Universe in 1576

Author(s): Francis R. Johnson, Sanford V. Larkey and Thomas Digges

Source: *The Huntington Library Bulletin*. Apr., 1934. No. 5 (Apr., 1934). pp. 69-117

ASTRONOMICAL THOUGHT IN RENAISSANCE ENGLAND

*A Study of the English Scientific Writings
from 1500 to 1645*

By
FRANCIS R. JOHNSON

98
33
97
J6

ANNALS OF SCIENCE

A QUARTERLY REVIEW OF THE HISTORY OF
SCIENCE SINCE THE RENAISSANCE

VOL. 4 JANUARY 15, 1939 No. 1

ENGLISH ALMANACS AND THE "NEW ASTRONOMY".

By MARJORIE NICOLSON, Ph.D., Litt.D.,
Dean and Professor of English, Smith College,
Northampton, Massachusetts.

The Influence of Thomas Digges on the Progress of Modern Astronomy in Sixteenth-Century England

Author(s): Francis R. Johnson

Source: *Osiris*, Jan., 1936, Vol. 1 (Jan., 1936), pp. 390-410

BALTIMORE
THE JOHNS HOPKINS PRESS
1937

Almanacs and the Extent of Knowledge of the New Astronomy in Seventeenth-Century England

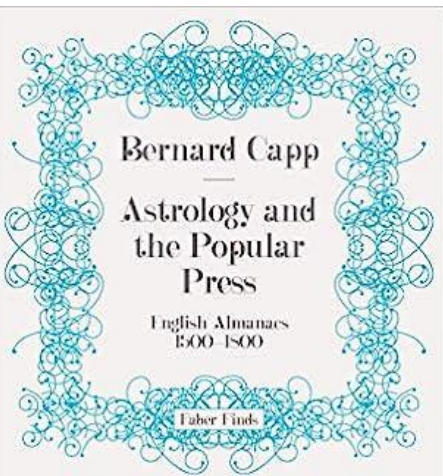
Author(s): Norriss S. Hetherington

Source: *Proceedings of the American Philosophical Society*, Aug. 15, 1975, Vol. 119, No. 4 (Aug. 15, 1975), pp. 275-279

BRUNO, DIGGES, PALINGENIO: OMOGENITÀ ED ETEROGENEITÀ NELLA CONCEZIONE DELL'UNIVERSO INFINITO

Author(s): Miguel A. Granada

Source: *Rivista di Storia della Filosofia* (1984-), 1992, Vol. 47, No. 1 (1992), pp. 47-73



STEPHEN JOHNSTON

LIKE FATHER, LIKE SON?

John Dee, Thomas Digges and the Identity of the Mathematician



John Dee, 1556

John Field, 1557

E P H E M E R I S
 ANNI. 1557. CVRRENTIS
 IVXTA COPERNICI
 ET REINHALDI CANONES
 fideliter per Ioannem Feild Anglum,
 Supputata ac examinata ad me-
 ridianum LONDINI
 NENSEM
 qui occidentalior esse indicatur a Reinhaldo
 quam sit Regij Montis, per
 brami. 1. Scr. 50.

Adiecta est etiam brevis quaedam Epistola
 IOANNIS DEE, qua vulgares istos
 Ephemeridum fictores merito reprehendit.

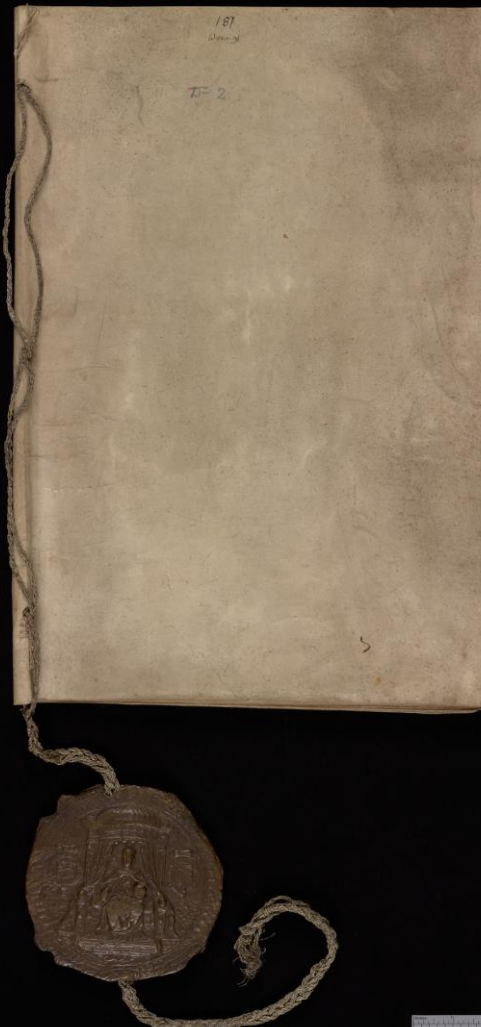
¶ T A B E L L A demig, pro celesti T hemate erigendo insea
 modum vulgariter rationalem dictum, per eundem
 Ioannem Feild confecta, Londiniensis poli
 altitudinis inferni exactissime.



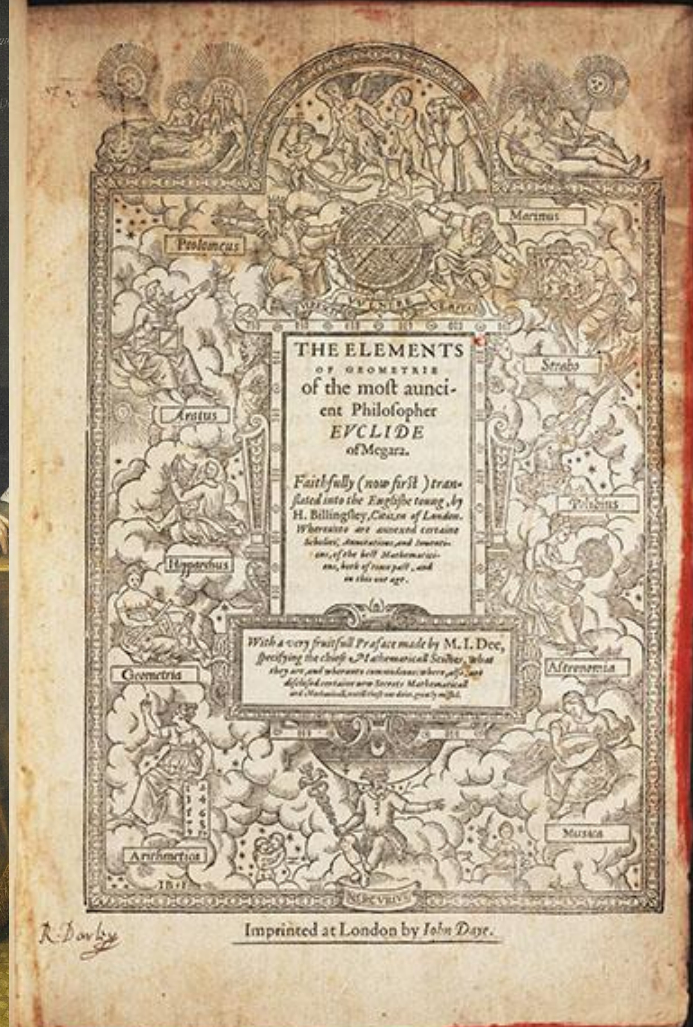
LONDINI,
 M. D. LVI. SEPTEMBRIS. XII

Robert Recorde,
 1556

1
5
7
0



Sir Henry Savile
Portrait of Sir Henry Savile by the Scottish
Proprietorship of Oxford
1600
John D.



THE ELEMENTS
OF GEOMETRIE
of the most aunci-
ent Philosopher
EVCLIDE
of Megara.

Faithfully (now first) trans-
lated into the English tongue, by
H. Billingsley, Citizen of London.
Whose name are awarded certaine
Scholar, Annotations, and Immen-
sion, of the best Mathematicians,
and in this our age.

With a very fruitfull Preface made by M. L. DeC,
specifying the chief Mathematicall Sciences, what
they are, and wheruntoe they conduce, where, all such
difficult contents are treated, Mathematicall
and Mechanicall, with their use, greatly enlarged.

R. Dreyer

Imprinted at London by John Dreyer.



Thomas Harriot
(c. 1560-1621)



William Gilbert
(1544? – 1603)

Thomas Digges (c. 1546 – 1595)

PRAEFATIO AVTHORIS.

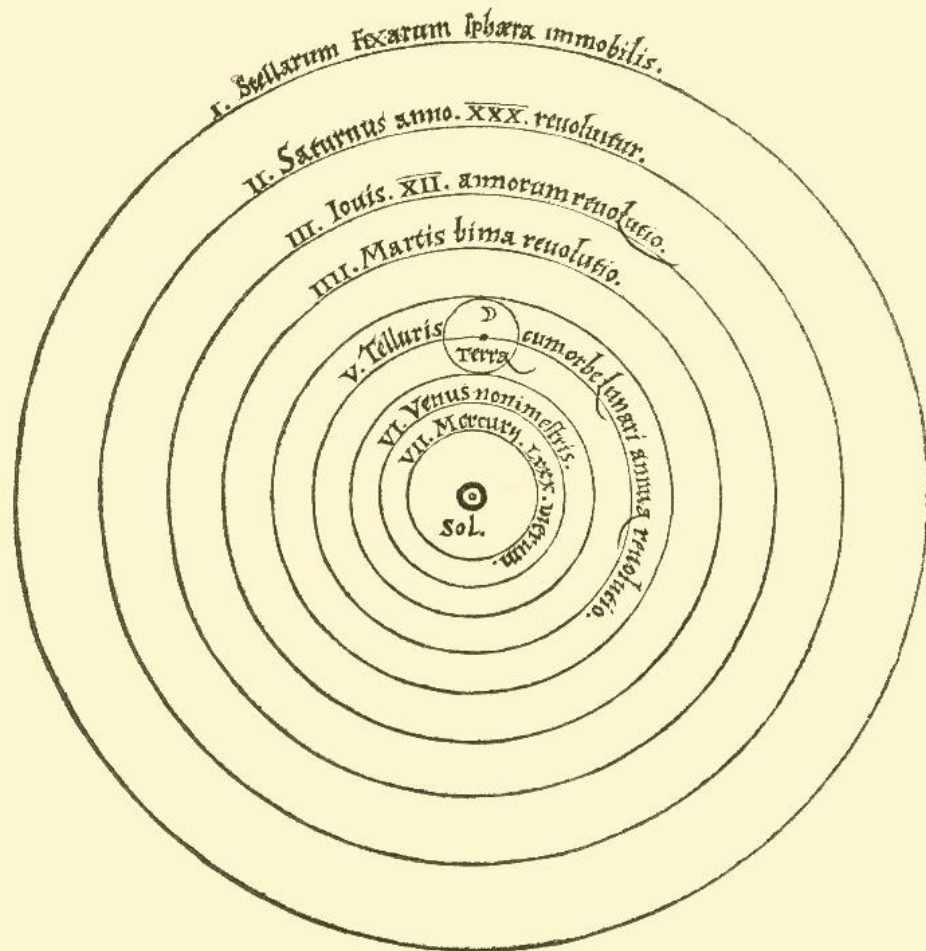
fortasse Apodixibus) demonstrabitur, verissimam esse Copernici haften⁹ explosum de Terræ motu Paradoxū Interea his scalis seu alis frueri Mathematicis, quibus amictus non est quod Dedali ad instar infima sublunaris Regionis tantummodò loca frequentes, immò absq; vlla Icarij lapsus formidine, altissima et remotissima Coeli Theatra tranare, et dispatiari licebit per æthereorum globorū amplissimos campos.

Valete.

Londini Februario. Anno. 1573.



1576



„Kręgi kopernikańskie” w Londynie

Edward Wright
William Gilbert*
Mark Ridley
Edmund Gunter
Thomas Bretnor
Mathew Gwynn
Arthur Hopton – popierał system Brahego

Twórcy instrumentów:

John Thompson
Elias Allen
Aaron Rathborne
George Atwell

1972



HENRYK ZINS

Ossolineum

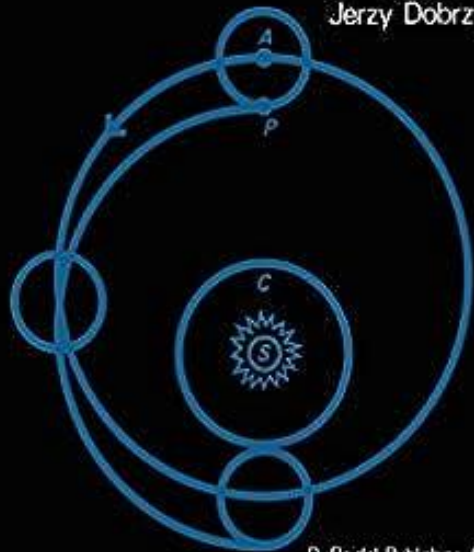
MIKOŁAJ KOPERNIK

W ANGIELSKIEJ KULTURZE

UMYSŁOWEJ EPOKI SZEKSPIRA

The Reception of COPERNICUS' HELIOCENTRIC THEORY

editor
Jerzy Dobrzycki



D. Reidel Publishing Company
Dordrecht - Holland
Boston - U.S.A.

1973

Thomas Bretnor, strona tytułowa almanachu na rok 1615



Gresham. 1603.
*An Almanack and
 Prognostication,*
*Serving for the Meridian of
 the honorable Citie of London,
 especially: and indiffer. ntlie for
 divers other places, this yeare of
 our God 1603. **
*Et sint in signa in tempora, & Dies,
 & annos, & luceant in firmamen-
 to culti. Gen. 1.*
Arte & opera

Gresham. 1604.
*A new Almanack
 and Prognostication.*
*Serving most especially the whol
 diary of the honorable and ancient
 citie of Yorke, and all the Roy-
 althe parts, and Dar by shire, as it
 indierently all England; for this
 yeare of our redemtion, MD C IIII
 Being leape yeare.*
*In which are contained many needf-
 full instructions and needfull ad-
 monitions in as ample and easie
 in ner as may be, for the cap citie
 of every one, as the next pages
 more particularlie sheweth.*
*Ad epistolam, longiniam; Edwardi
 Gresham, medici at Mathematici,
 Stanford: x Ebor.*
*Imprinted at London for the as-
 signes of James Roberts,*

Gresham. 1607
*A new Almanack and
 Prognostication for the
 yeare of our Lord God,
 1607.*
Being the third from the Leape yeare.
*Disputed and argued from the mu-
 tuall habitude of this of ours, to the
 other fire movuable opatuive
 Orbs, and to the fixed
 Globe of light.*
*Serving indierently any place wih
 in this our English, Emppire but
 more especially the Sette of the
 Honorable Citie of Yorke
 and the North parte.*
By Edward Gresham.
*Imprinted at London for the
 Company of the Statio-
 ners.*

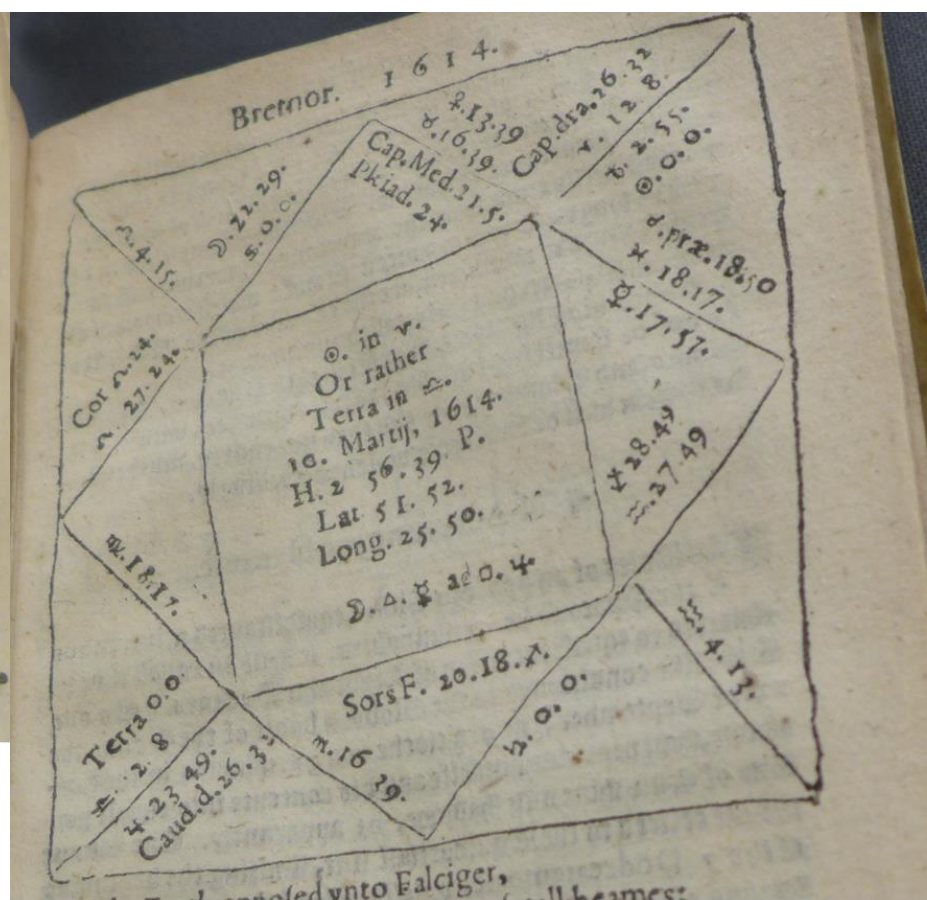
Bretnor. 1615.
*A Newe Almanacke
 and Prognostication, for
 the yeare of our Lord God,
 1615.*
Being the thirde after Leap yeare.
*Calculated & composed accord-
 ding to Art for the latitude and
 Longitude of the honorable Citie
 of London, and may well
 serue all the South parts of
 Great Britaine.*
*By Thomas Bretnor professor of
 the Mathematicks & Student in
 Physicke in Cowlane,
 London.*
*Fata mouere Deus, tolle e fata potest.
 Cum privilegio,*

E. Gresham, strony tytułowe almanachów na lata 1603, 1604 oraz 1607

¶ Of the Spring.

A Opacous Oibe, circivolved to a luminous æquidistaced
the poles of his probolition, intercurrenth equal Arch's of
Light and darknes, but the opacous starre of our inhabitance
is affected to the perennall and immovæble Globe of light, the
10. of March at 2. a clocke, 56. minutes, and 39. seconds in
the afternoone shall obiect himselfe, & contents in equall time
to equall quantitie of shadow and Sun-shine: or, The Sun,
(to our apparance) placed in the mid point of the world's æqui-
libij, will at that moment make the day and night alltkeloug, all
this world over, except some parts (for the excesse of the Sines
greatnes about the Earths, being continuall day,) which habi-
tudes either way imagined, give beginning to the second quar-
ter of the Astronomicall yeere, usually called the Spring,

Th. Bretnor, *A new almanack...* 1614, B4v



Th. Bretnor, *A new almanack...* 1614, B5r

„nieruchoma kula światła”

Grant NCN „**Między tradycją a nowoczesnością: kopernikanizm, idea wielości światów i astrologia w traktacie *Astrostereon* Edwarda Greshama (1565–1613)**”

kierownik projektu: prof. dr hab. Jarosław Włodarczyk



ASTROSTEREON

OR

A Discourse of the falling, of
the Planets.

Wherein, by the true though strange discovery
of the Caelestiall Orbs and manner of their Action.
vpon Inferior Subiects, that Rumour with his
Consequence, is subiected to the censure
of the simplest vulgar Astromancy
examined and true Phisilogie
confirmed.

BL Sloane MS
BL Sloane MS
BL Sloane MS



Słońce środkiem wszystkich ruchów pozostałych planet

Article

Edward Gresham, Copernican Cosmology, and Planetary Occultations in Pre-Telescopic Astronomy

Jarosław Włodarczyk

Institute for the History of Science, Polish Academy of Sciences, Poland

Richard L. Kremer

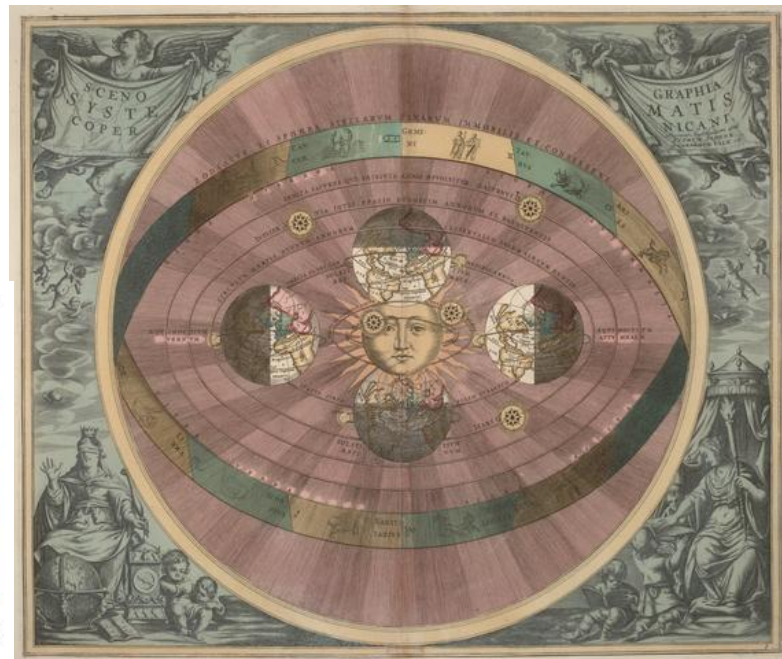
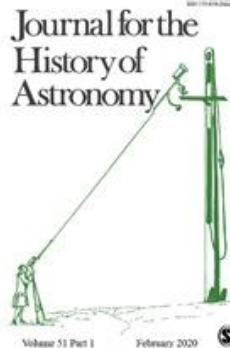
Department of History, Dartmouth College, USA

Howard C. Hughes

Department of Psychological and Brain Sciences, Dartmouth College, USA

JHA

Journal for the History of Astronomy
2018, Vol. 49(3) 269–305
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Fizyczne cechy planet, zaćmienia gwiazd
przez planety

Dyskusje nad materią i substancją (światła, ciepła, dźwięku)

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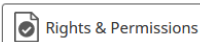
The place of Edward Gresham's *Astrostereon* (1603) in the discussion on cosmology and the Bible in the early modern period

Published online by Cambridge University Press: 01 October 2020

[BARBARA BIENIAS](#)

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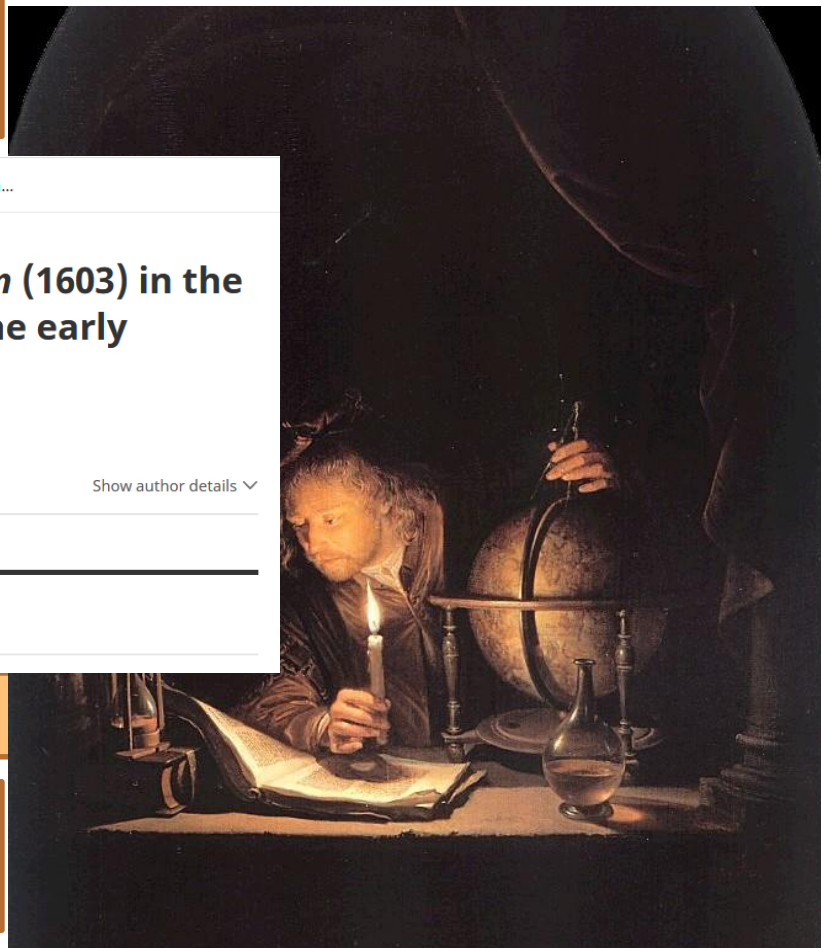
Article Metrics



**The British Journal for
the History of Science**

Brak sztywnych sfer niebieskich

Obrona systemu kopernikańskiego z
wykorzystaniem *hebraica christiana*



Astronomia
księżycowa,
obserwacje tarczy
księżycy

✓ | Research articles

The pre-telescopic observations of the Moon in early seventeenth-century London: The case of Edward Gresham (1565–1613)

Jarosław Włodarczyk

Published: 03 July 2019 | Page(s): 35-53

<https://doi.org/10.1098/rsnr.2019.0009>

Research articles

‘Out of a greate laborinth of errors’: Lunar astronomy in London before Kepler

Jarosław Włodarczyk ✉

Published: 03 March 2021 | <https://doi.org/10.1098/rsnr.2020.0058>

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NOTES AND RECORDS

THE ROYAL SOCIETY JOURNAL OF THE HISTORY OF SCIENCE



Wpływ planet

Apparatus

Chap: 2

Of the Planetts Influences.

Sect. 1. What ^{it} is the fount whence he springeth whether he is first derived, by what meanes communicated what and how he acteth vpon materiall Subiectes.

Sect. 1. That Influence is no other thing then heate and Light, the one as a universall disposer the other as a generall Informer of Materiality

And that beinge true it must be contrarietie



Obrona astrologii przy wykorzystaniu astronomii heliocentrycznej

„Paradoks kopernikański”

Podobieństwa retoryczne
do przedmów Williama
Gilberta i Edwarda Wrighta
w *De Magnete* – w obronie
paradoksu

Bezpośrednie odniesienie do Kopernika
tylko w jednym miejscu:

„[mają wspaniałe instrumenty], które
pozwalają zaobserwować zaćmienia na rok
przed tym, nim się wydarzą – rzecz, która
nigdy nie udała się ani Ptolemeuszowi, ani
Kopernikowi, ani nawet mnie (...)”
(*Astrostereon*, BL Sloane MS 3936, fol. 39v)



Volume 17 Number 2018

ISSN 0013-758X

Studies in History
and Philosophy
of Science



Research article ● Open access

Edward Gresham's *Astrostereon*, or *A Discourse of the Falling of the Planet* (1603), the Copernican paradox, and the construction of early modern proto-scientific discourse

Barbara Bienias

Pages 44-56



A P
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to the

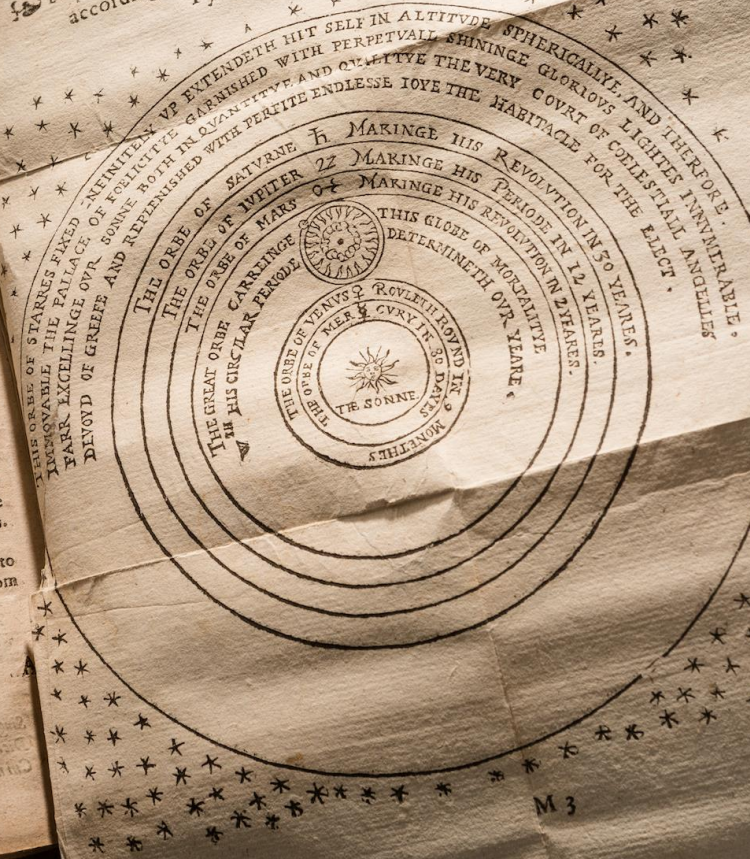
TO THE READER.

In the midst of this Globe of Mortality hangeth this dark star of the earth and water, balanced and sustained in the midst of the thinne ayre onely with what proprietie which the world workman hath giuen at the Creation to the Center of this be, with his magnetical force vehemently to draw and hale vnto selfe all such other Elementall things as retayne the like nature. This ball euery 24. houres by naturall vniforme, and wonderfull & smooth motion rolleth round, making with his Period naturall day, whereby it seemes to vs that the huge infinite immoveable Globe should sway and turne about.

The Moone Orbe that enuironeth and containeth this darke star, and the other mortall, changeable, corruptible Elements and Elementary things, is also turned round euery 20. daies, 31. Minutes, 50. seconds, 8. thirds, 9. fourths, and 20. fiftes; and this Period may most properly be called the month. The rest of the Planets motions appaer by the Picture, and shall more largely be hereafter spoken of.

Herein good Reader, I haue waded farther then the vulgar sorte, *Demonstrating & Practising*, and God sparing life I meane, though not as Iudge to decide, yet at the Mathematical barre in this case to plead, in such sorte, as it shall manifestly appaere to the world, whether it bee possible vpon the Earths stabilitie to deliuer any true or probable Theorick, and then referre the pronouncing of sentence to the graue Senate of indifferent discretie Mathematicall Readers.

A perfit description of the Coelestiall Orbes,
according to the most auncient doctrine of the
Pythagoreans, &c.



Th. Digges, 1596, M
Courtesy of The Lincoln
Library of Science, E
Technology

Th. Digges, *A perfit
description...*, M3,
Courtesy of History of
Science Collections,
University of Oklahoma
Libraries



„Gdy bowiem wszystkie inne **nieskończone w swej liczbie gwiazdy** (które dostrzegamy) są umocowane czy też nieruchome na tylko jednej powierzchni lub wybrzuszeniu bez jakiegokolwiek zmiany, pozostała siódemka ma własne firmamenty usytuowane jedne w drugich. [...] Ale jaka jest prawdziwa istota tych planet, nigdzie nie zostało do tej pory w pełni ani w sposób racjonalny ustalone (poza dość mętnymi objaśnieniami niejakiego **Bruna Nolańczyka**, który po części zbliżał się do prawdy).”

E. Gresham, *Astrostereon* 1603, fol. 6r-v

Digges, *A perfit description*

„Sun, which like a king in the midst of all reigneth and giveth laws of motion to the rest, spherically dispersing his **glorious beams of light** through all this sacred Celestial Temple.”

„Słońce, które jak król pośród wszystkich panuje i nadaje prawa ruchu reszcie, sferycznie rozprzestrzeniając swoje **wspaniałe promienie światła** przez całą tę boską Świątynię Niebios.”

Ponde.

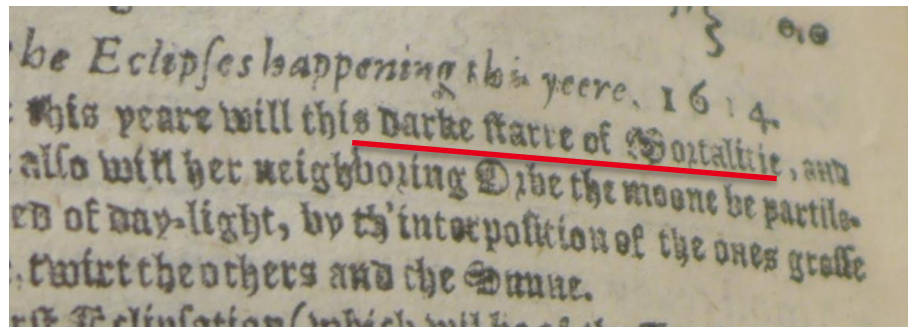
1605.

Of the Eclipses, this present yeare. 1605

The Moone is darkened to all creatures eyes,
 Whilſt in the shadow of the earth ſhe lyes.

The xxiii. day of March, this present yeare, 1605. The letter of the ii great Lights, gouernesse of the night, Ladie and mistresses of the floodes and Seas. The lowest of the Planets: transporter of their Inſtentiall powers, vnto the inferiours creatures, &c. (I meane the Moone) being opposite vnto the Sunne, (her light giuer,) At viii. of the clocke at night. the same xxiii. day, haſing to ſhewe her greateſt beautie of light, and absolute roundneſſe, will be prevented by the interpoſition of this darke Starre of mortalitye, or Globe of the earth; which will then let, or hinder the glorious and bright preſent beames of the Sunne, from giuing his expected light, vnto the reflectiue body of the Moone, whereby ſhe will ſuffer an Eclipse, or loſſe of light, vnto the quantitie of xi. degrees, and a quarter, (her whol: body being diuided

Bretnor, 1614, B3v



„In the midst of this Globe of Mortality hangeth this dark star or ball of earth and water”

Thomas Digges, A perfit description...

Results for: "[reg="globe"] [reg="of"] [reg="mortality*"]" within all documents

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Group hits by... ▾

update

Case sensitive

Toggle linguistic fields & metadata

Export CSV

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Prev

1

Next

Before hit ▾	word	After hit ▾	Year	Author	Title
... and together with the whole	Globe of mortalitie	is caried yeerely round about ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
... the Moone I call the	Globe of Mortality	because it is the peculiar ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
... In the midst of this	Globe of Mortality	hangeth this dark star or ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
... the great Orbe wherein the	Globe of mortalitie	inclosed in the Moones Orbe ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
... here in this dull dark	Globe of Mortality	over whose Heads they hang ...	1652	Swan, John, d. 1671.	Signa coeli: the signs of heav



Prev 1 Next

Before hit	word	After hit	Year	Author	Title
... shoulders of Virgo Item the	darke starre	of Bernices haire Item the ...	1594	Blundeville, Thomas, fl.	M. Blundevile his exercises co
<p>Kwic: Beare called Vrsa maior Arctos Eliche and Calisto The Northren Images contayned in the sixt space Flst the hinder parts of Leo otherwise called Alezet in whose taile is a starre of the first bignesse called Cauda Leonis and Deneb Alezet Item the head and shoulders of Virgo Item the darke starre of Bernices haire Item the hinder partes of the great Bear his tayle excepted Item the hinder parts of the Dragons taile containing two starres of the fourth bignes The northern Images contained in the seuenth space Flrst the most part of Virgo who is otherwise called Parthenos Erigone Preuindemiator</p> <p>Properties: not shown for multiple search terms</p>					
... Globe of Mortality hangeth this	dark star	or ball of the earth ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
<p>Kwic: quicquam Foelix ô nimium Foelix cui sedibus illis Tam pulchris & tam incundis tamque beatis Viuere concessum est supremi munere Regis And againe Singula nonnulli credunt quoque sydera posse Dici Orbes Terramque appellant sydus opacum Cui minimus Di•um praesit &c. In the middest of this Globe of Mortality hangeth this dark star or ball of the earth and water balanced and sustayned in the middest of the thinne ayre onely with what proprietie which the wonderfull workeman hath giuen at the Creation to the Center of this Globe with his magnetical force vehemently to draw and hale vnto it selfe all such other</p> <p>Properties: not shown for multiple search terms</p>					
... that enuironeth and contayneth this	darke star	and the other mortall changeable ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
... motion greater than this little	darke Starre	wherein wée liue But that ...	1605	Digges, Leonard, d. 1571?	A prognostication euerlasting
... sunne or else such a	dark starre	as Mercurie will with the ...	1635	Swan, John, d. 1671.	Speculum mundi- Or A glasse re
<p>Kwic: be understood of them so long as they are at a convenient distance from the sunne For if they be too neare either the lesser light is obscured by the greater as is seen in the Planets being often hid by the beams of the sunne or else such a dark starre as Mercurie will with the losse of his light shew us his dark bodie which sometimes happeneth being then seen as a spot in the sunne For if you take Mercurie in his best hue he hath but a cloudie countenance and a leaden look which therefore argueth that he</p> <p>Properties: not shown for multiple search terms</p>					
... a grace To be a	darke starre	on that face Above the ...	1638	Nabbes, Thomas, 1605?-164	The springs glorie Vindicating
<p>Kwic: lids close in the sight And so prevent the theft whereby Shee is ecliptst eternally Nor will shee ever more in heaven Be seene to make the number seven Onely if this fayre one were But fixt a constellation there Whence shee descended 't were a grace To be a darke starre on that face Above the other sixe we see Shine on the Monsters crooked knee An Elegie on the death of the hopeful Mr. WILLIAM ROBERTS aged 11. Sonne to the Worshipfull NICHOLAS ROBERTS Esquire WHat subject hath Death brought for my sad Mu•• To practise art and sorrow on</p> <p>Properties: not shown for multiple search terms</p>					



Th. Digges, *A perfit Description*

And therefore some haue placed them[Venus and Mercury] aboute the Sun, as Plato in his *Timaeo*: others beneath, as Ptolomie, and the greater part of them that followed him. Alpetragius maketh ϕ aboute the Sunne, and ψ beneath, and sundrie reasons haue béen of all sides alleaged in defence of their opinions.

Arthur Hopton, *An almanack and prognostication for 1608*, sig. B2r–B4r:

A short refutation of those opinions that deny the Earth to rest as the fixed center to the heavens.

What the[n] shal we need to care for their placing of Venus above the Sun, as authorized by **Plato in his *Tymaeo*** sinc[e], we know that he is held for a better Philosopher then [sic] Mathematician [B3r]

Th. Digges, *A Perfit description*

What reasons moued Aristotle, and others that followed him, to thinke the earth to rest immoueable as a Centre to the whole world.

The most effectuall reasons that they produce to prooue the Earths stabilitie in the middle or lowest part of the world, is that of Grautie and Leutie. For of all other the Element of the earth (say they) is most heauie, and all ponderous things are carried vnto it, striuing (as it were) to sway euen downe to the inmost part thereof. For the earth being round, into the which all waightie things on euery side fall, making right angles on the superficies, passe to the Centre, seeing euery right line that fall^{eth} perpendicularly vpon the Horizon in that place where it toucheth the earth, must needes passe by the Centre.

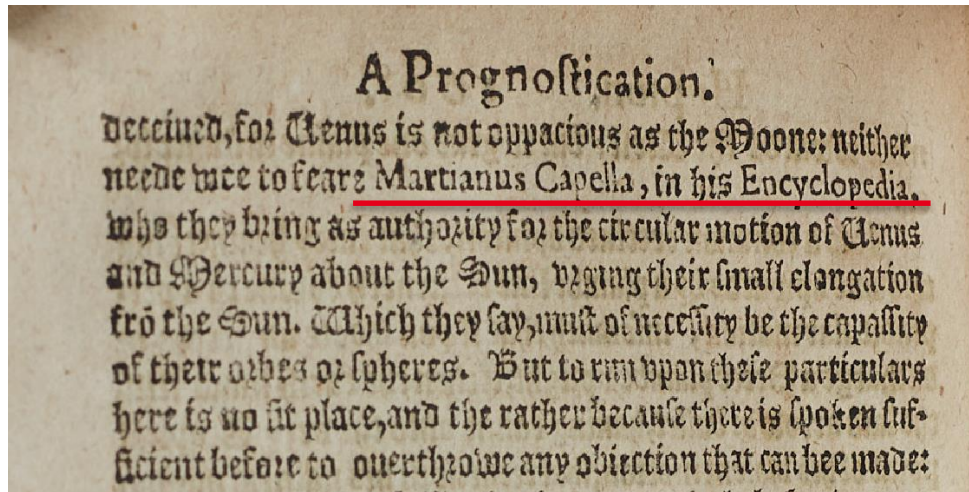
Hopton, *A short refutation*

So the earth bring the heaviest of all other Elements, necessarily must rest in the center, whereby also the conglobositie of the Earth is proved: as first by the falling of many ponderous substances equally about the center, there is made round & material substance, and then by the striving of each part to come unto the center, the Earth is made sound & firme. [B3v]

Th. Digges, *A Perfit description*

„And therefore seemeth it worthy of consideration that Martianus Capella wrote in his *Encyclopedia*, and certain other Latins held, affirming that Venus and Mercury do run about the Sun in their spheres peculiar,”

Hopton, *A short refutation*, B3v



ratione salua manente, nemo em̄ cōtemeritate allegabit
 q̄ ut magnitudm̄ orbium multatudo tps metiatur, ordo spherarum
 sequitur in hunc modū: a sumo capientes incipim̄.

prima et
 si

1 Stellarum fixarum sphaera immobilis
 sup̄ma omniū est Stellarum
 xxxiiii sphaera separata
 et omnia continēs

2 Saturnus xxx anno revoluitur
 Ideoq; immobilis
 temp̄e vni-
 uersi loci
 ad quē
 motus
 us
 et
 p̄o

3 Iouis xij̄ annorū revoluitio

4 Martis biennia revoluitio

5 Telluris cū Luna an̄ re
 6 Venere nonim̄ mensis
 7 Mercurio xxx̄ dies

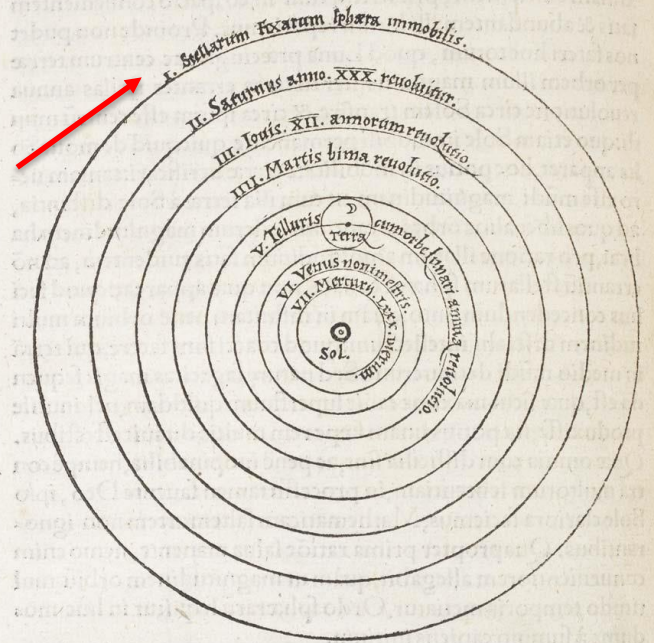
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Nam quod
 aliquo modo illā
 etiā mutari existimat
 nos aliā, cui ita appareret

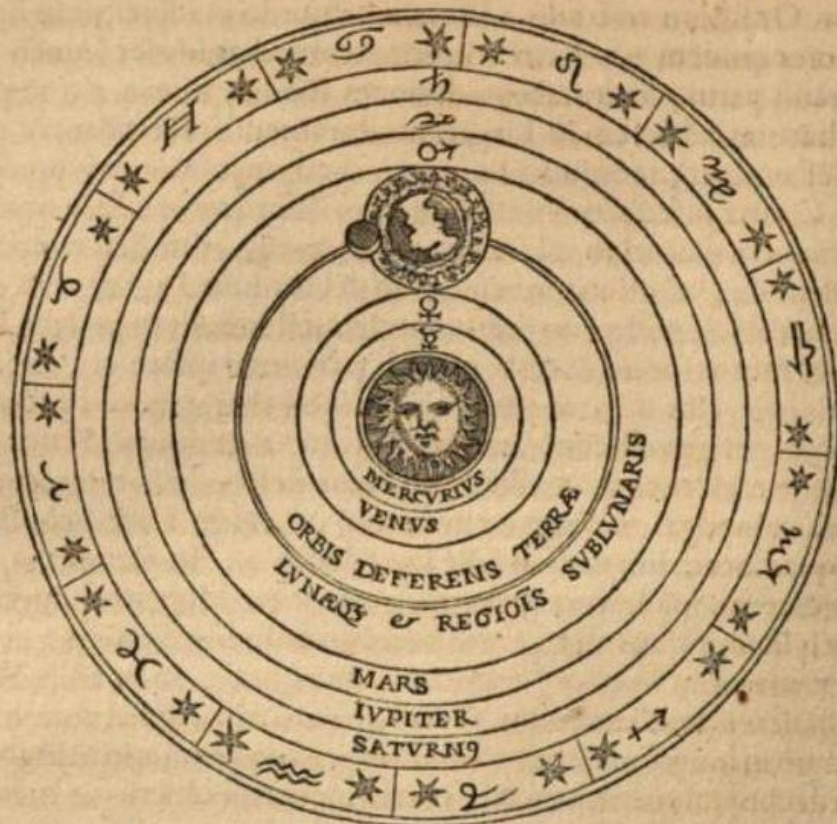
aliqui:
 in deductione motus terrestris assignabimus causam. Sequitur
 errantium primus Saturnus: qui xxx anno suū complet̄ circuitū
 itā post hunc Iupiter duodecim̄ mensium revoluitio mobilis. Demum
 Mars vobis qui biennio circuit. Quartū in ordine anni revoluitio
 hō locum optinet: in quo terra cum orbe Lunari tanq̄ epicyclo
 contineri dixerim. Quinto loco Venus nono mense reducitur

net, in quo terram cum orbe lunari tanquam epicyclo contineri
 diximus. Quinto loco Venus nono mense reducitur, Sextum
 deniq; locum Mercurius tenet, octuaginta dierum spacio circū
 currens, in medio uero omnium residet Sol. Quis enim in hoc



pulcherrimo templolampadem hanc in alio uel meliori loco po-
 neret, quā unde totum simul possit illuminare; Siquidem non
 inepte quidam lucernam mundi, alij mentem, alij rectorem uo-
 cant. Trimegistus uisibilem Deum, Sophoclis Electra intuentē
 omnia. Ita profecto tanquam in solio re gali Sol residens circum
 agentem gubernat Astrorum familiam. Tellus quoq; minime
 fraudatur lunari ministerio, sed ut Aristoteles de animalibus
 ait, maximā Luna cū terra coactionē habet. Concipit interea à

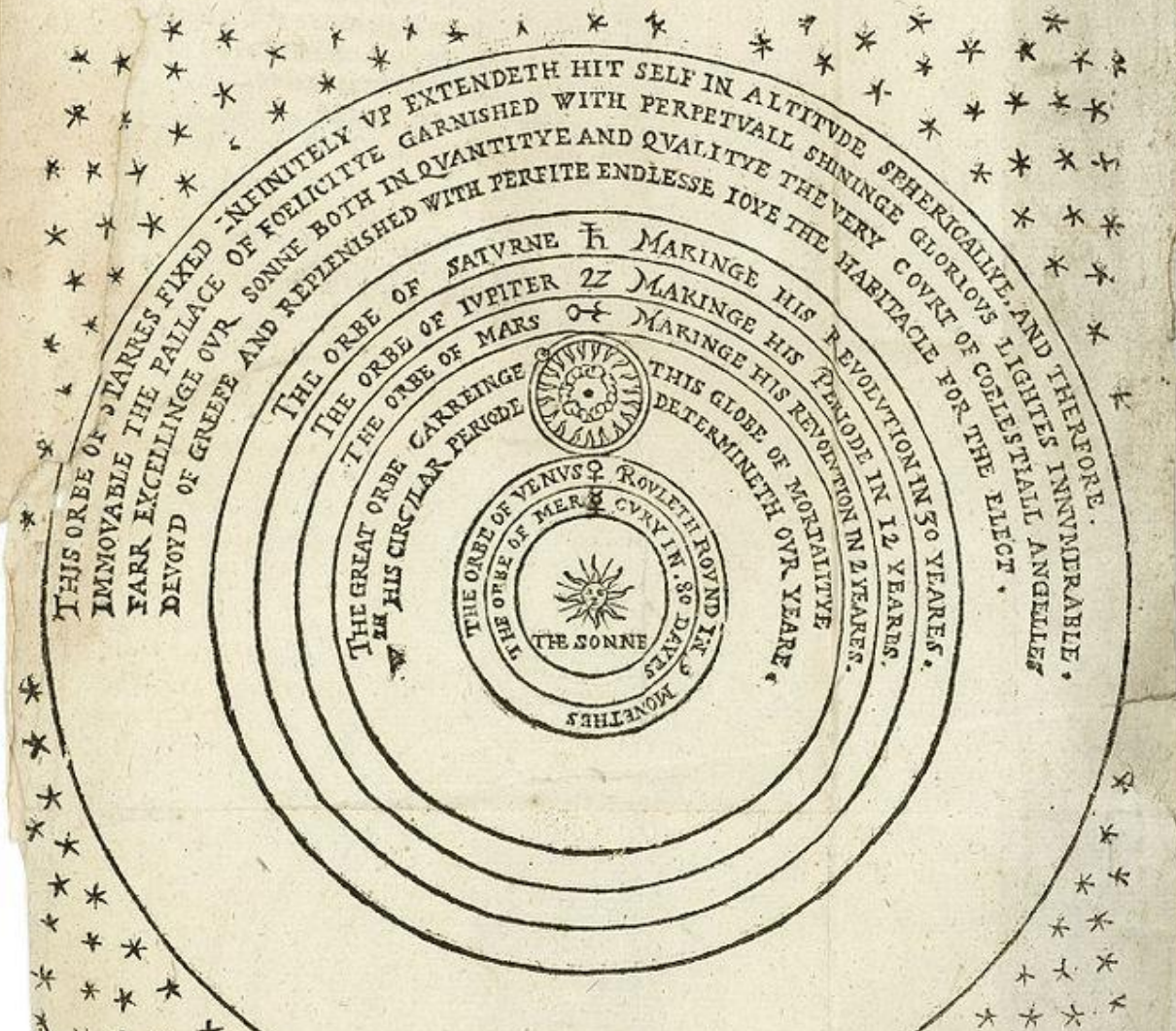
ARTIS CYCLOGNOMICÆ
 SPHÆRA REVOLVTIONVM
 D. N. COPERNICI.



Cornelius
 Gemma

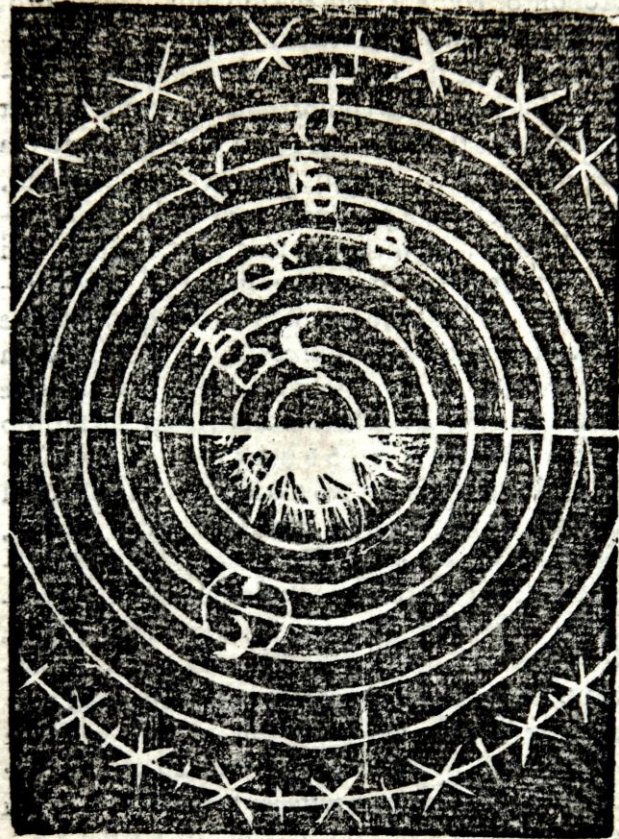
*De Artis
 Cyclognomicae, III*

1569



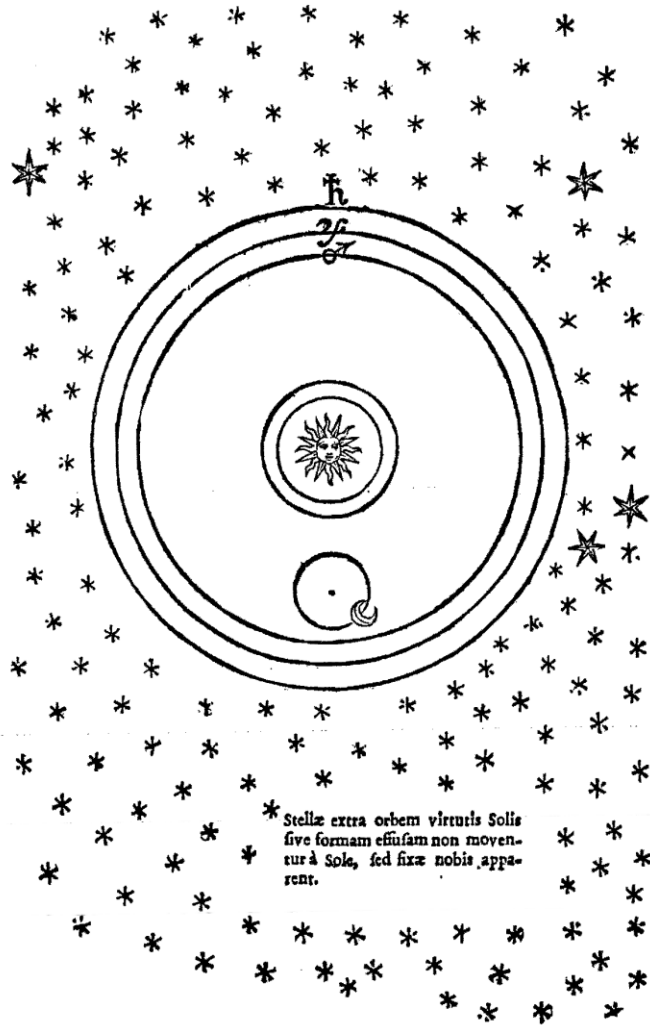
Thomas Digges,
*A perfit
 description...M3r*

PTOLEMAEVVS.

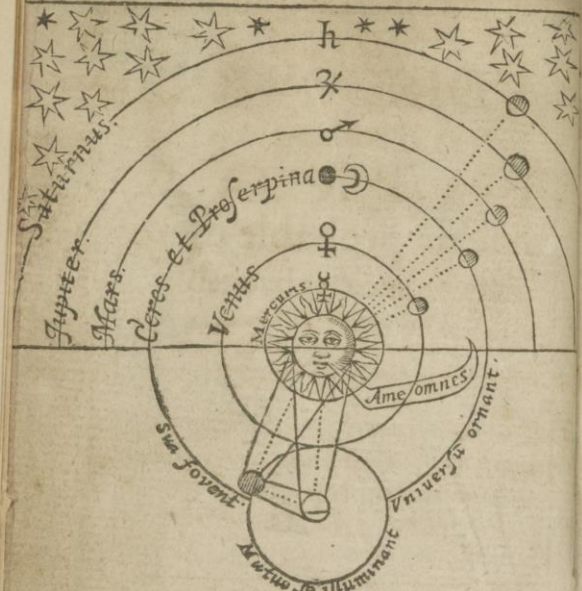


COPERNICVS,

Giordano Bruno, *La cena de la Ceneri* Londyn 1584



John Wilkins (1638)



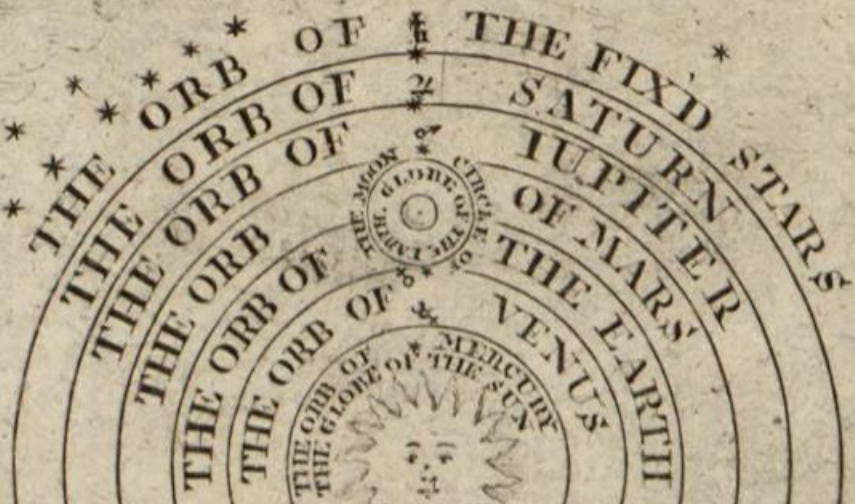
THE
DISCOVERY
OF A
WORLD
IN THE
MOONE.



A Discourse
concerning
A NEW
world
&
Another Planet
In 2 Bookes.

World

who holds that the
Centre of y^e World.



Secundum
The System of
Ptolemy
The Center of the
World is the
Earth in the
Center of the
Firmament

Secundum
The System of
Tycho Brahe
The Center of the
World is the
Sun in the
Center of the
Firmament

THE MOON
THE HEAVENS





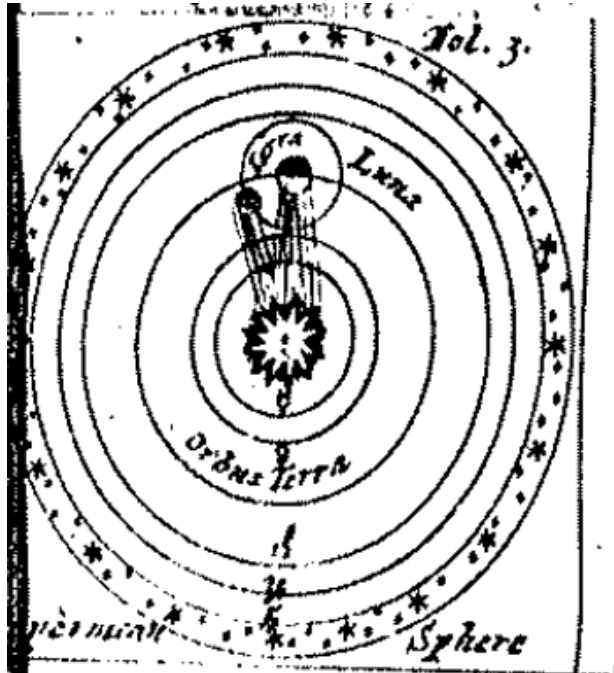
John Wilkins (1640)



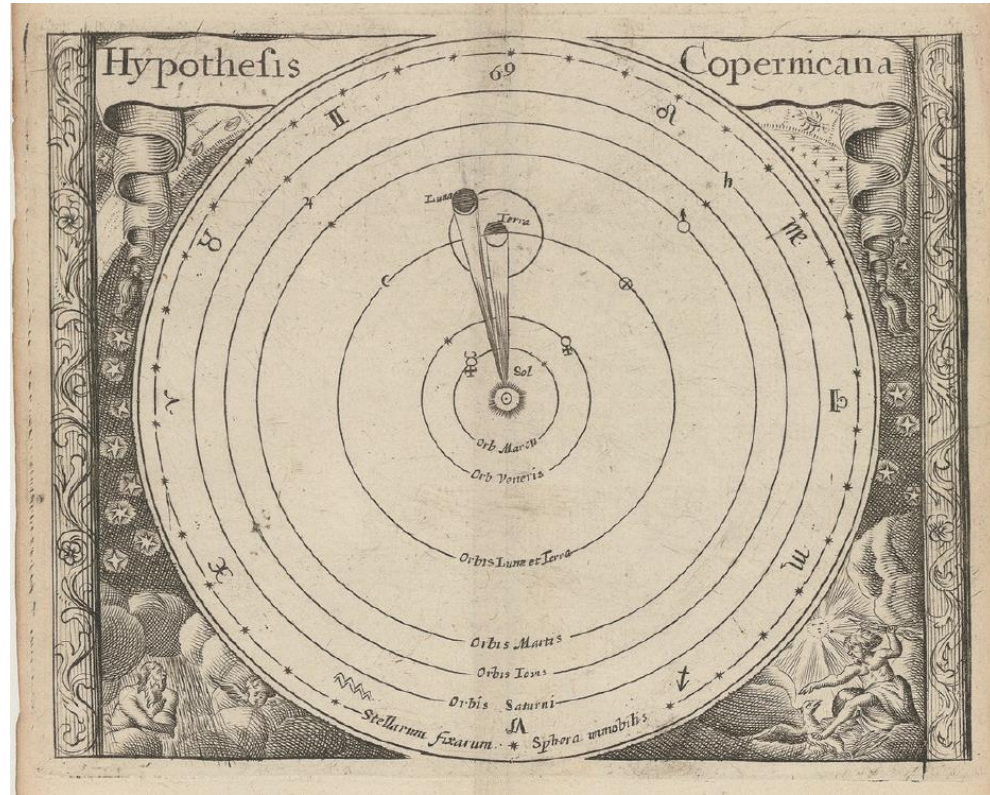
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Galileusz, *Dialogus de systemate Mundi* (Londyn, 1663)



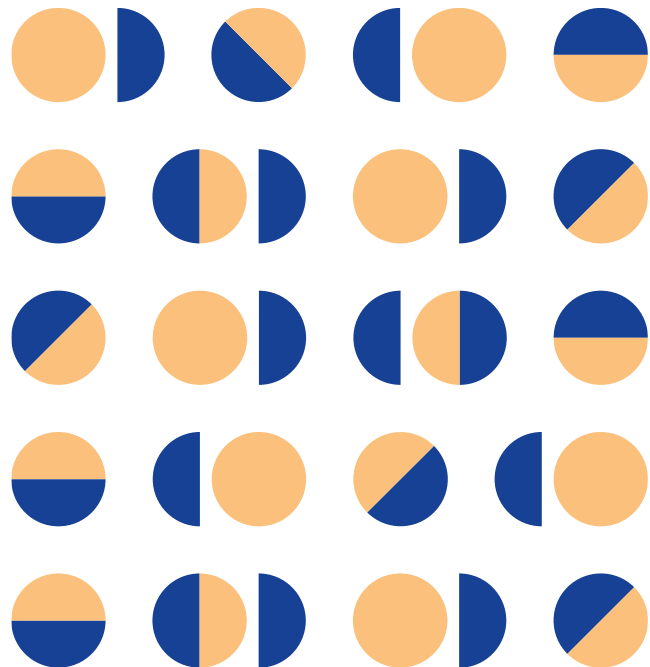
William Leybourn, *An Introduction to Astronomy and Geography*, Londyn 1675, s. 5 [B3r].



John Seller, *Atlas Cælestis Containing the Systems and Theories of the Planets*, Londyn 1677

Nowe perspektywy badawcze:

- Związki twórców almanachów z tzw. kręgiem kopernikańskim w Londynie
- Badanie źródeł rękopiśmiennych
- Badania wątków literacko-antropologicznych
- Ikonografia
- Wydania *De revolutionibus*
- Włączenie badań w międzynarodowe projekty





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