Badische Landesbibliothek Karlsruhe

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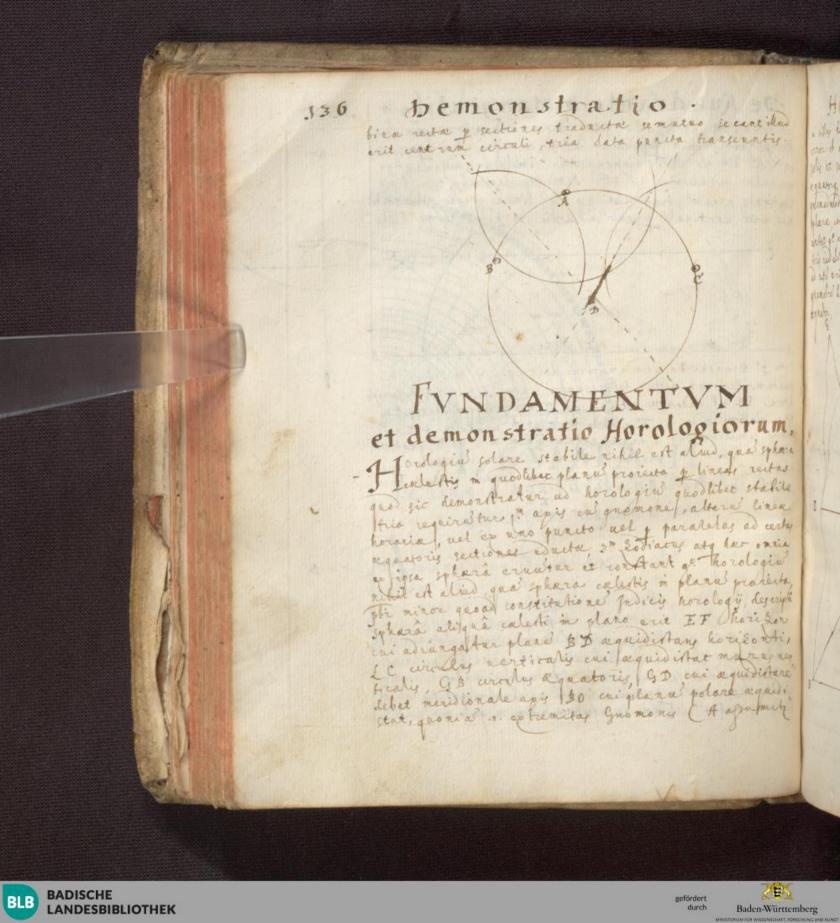
Astronomica - Cod. Ettenheim-Münster 165

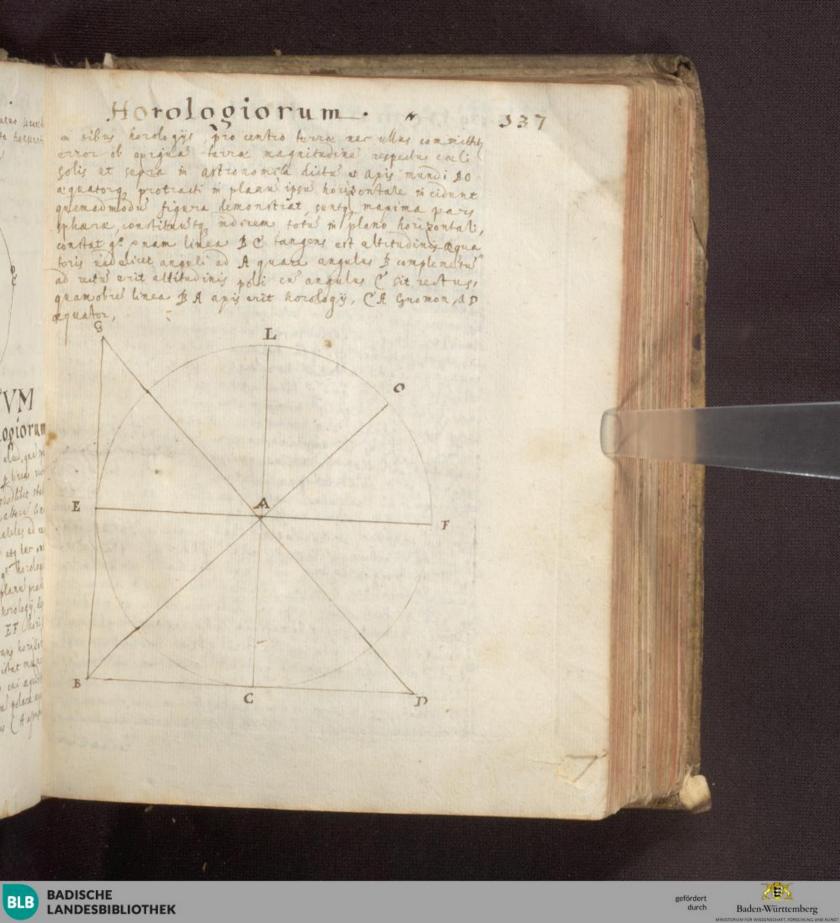
Moingenat, Johannes

[S.I.], 1623-1624

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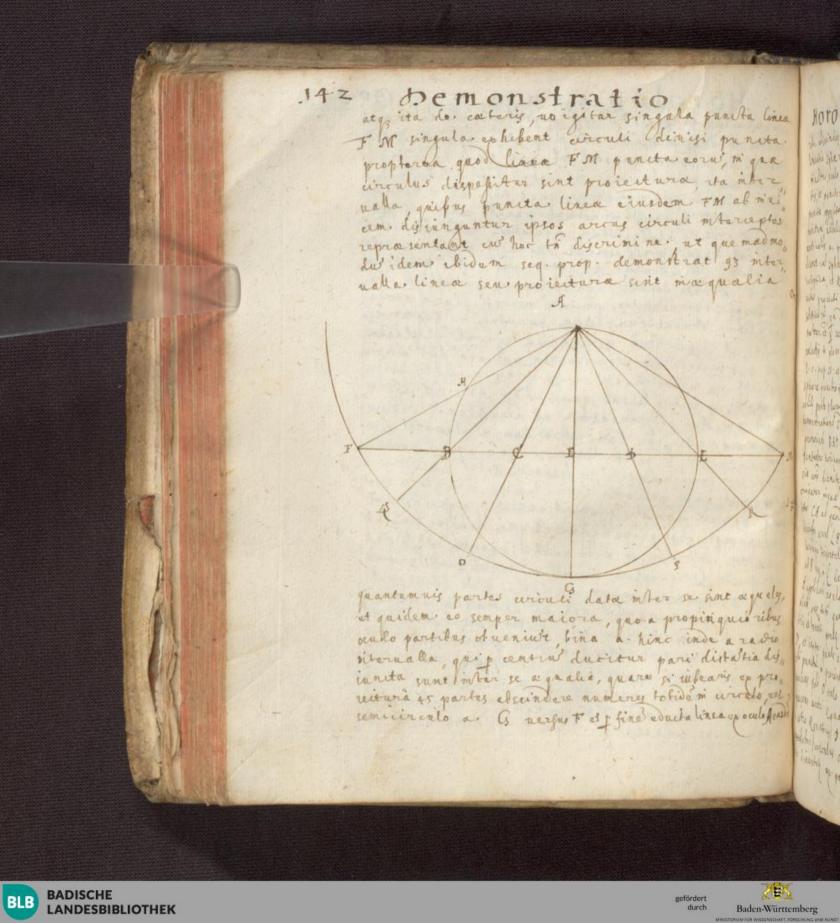
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138.139 Demonstratio 50 pro horologio verticali muertanca è Baria utora its B verticem, paneti G terra Spectat crity rary tiku, B A apis cruedem horology, EA gronon, GA apactor, 50 as horologis merid is make conflitment a origenous? link agrator 16 debite for horisontali linea & D gaareges Hills 1 more eins, ten indep ippe any exit . so, and eardern normal horologia aquinoctiale briganda of veryy meridiem, cains anomon evic of viety apris Al irest at denig polare A h fal qued tale debet habere situl, que any BO fup liken hou relater Soutali II commonstrat very us septentrionem, en pron der o Le convenier anomon afrignatur a g aquator, con ILL IMP deditue itags in geniose attreste sin mor en horologio nerall is constitutiones as ipla sphara deduci, qued anatound ocalas. requiter iam altera hordogin geharika municial eA ipea cala, m quo y total amnu sot seen dul omnio si 下於 6% qua sodiaci singuly hory motor primi mobily grimous applicat semp ner places, ner parciones dequatoris pontrit quater, parter, as eving rei applicationen peroquetarist authory, Lest 14 Leaderim circulos horarios, qui onny m poly mandicon THE HAR remians et a quatores partieletur in 24 partes agresty 340 14 et quideme ad angulos reutas, quara singulas singulis marly - dui heris sol perogrames fingither, hor ninival randala ndera homina tenebat, at hordogical ilas mundara sphæricum W. tech at whethe proteres circulti arm spharici in pla num Many quodilet projecentur as good faciendes singulary Meta dues a facultar optica nimira necessaria a rat to push un qua pictores suas corporal delineationes us amband 12144,2 differe habent wins beneficio sphara ipsam plande quiltre ! provinta daples placed atrolation muentum et. uto ulu et place asket ingeniri popant, breniter igitu so gest his vincipies offices wireload sphara horatio and if proces proventiones & linear inumbratas sir men demonstrat us ship Franciscus aglonius I. S. Optices prop. 92 quae sie se he 11) delie circulum the Get 響っ BADISCHE LANDESBIBLIOTHEK Baden-Württemberg

Horologiorum . 140.143 \$ 6 stary wicala of perpendiculari aspecta in pland trans, etat erite viloue, sing projectura in partes repressando detu er, gh au bases at pedap. is ainseled lit. gase sie se hit wironly me vigen directe appertai obnerous in cirtalal projectur, atqui IN CE AN polito oculo mi polo requato riz quod fieri dit mi horoldis leaven 21 owner wicali horary in edent graneto conce neti per exper nema pendiculariter aspiciultur, aquator xero directs tak dianeni go ni fali cafa omnes circuli Morario per lineas restas to fur little aquator a. le circalie reprentari prit; al a perpendi" entaris carouti aspectus, an ocalus ippi peripheria cire, truela, mi Manahr. cali imporitur directus, gh total circuli planes oculo ndica love agasliter obvertitur, litags ponatur in fogara LA GRAD STATE oculus of super ipsa peripheria circali miglanum en taken FM projeciendi az signij ocala and ora diri aliena, red I one applicat sin curas planed raily owner minually pours notify genn quatur, im rectas lineas, quas rady AF, am refren, His parrie tank usy dos terminenther at alio plano linean externed their FM transcute, cois igr sectio duores planores per of poly and 3am 11. Enolid. E resta linea, ni gra o may railij 24 factor on usuales forminantur, reprentants total circuli pro, reitura, qua quidem, linea divigo circulo mi quot, Cere in west enda partet agales proportionaliter again direction initial tan. an soharice St, example grad proponatur aliquis dividous maxima a in place sphered worder in octo partes agaalor signaler signaler a greate sea projectura upling circuli in tottide partes propore, caril her tronaly, securda quod we commoding fiat folene ap A prives and in the describere semicircales and as diffatias semidia, funte metri, nel estra coronales, eng in fot partes d'une re. iter with me gaot divides fair totas cirtulus, quo nia igitar per and low plano usi id a radio per ses Dueto afterngetus erit paris hand dubie in linea FM paneto & locus apparent signi (s et pureta (Signi O Punetu & signi K



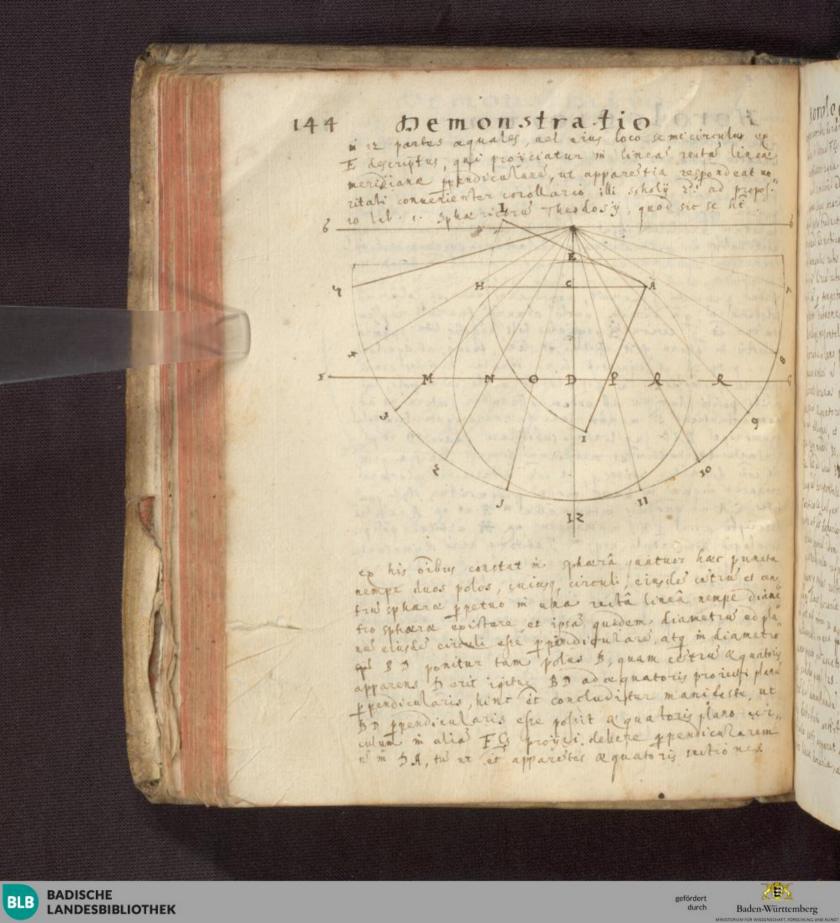
La gente Horologiorum. itigi pro 143 الإراسامة lineatio sphere calestis in plano p hand model fice pinesta ocalo apposito ad wim intersectiones horizon to the at fix et punctore aquinoctialie lina aquinoctiones on THE punita opposita en principis projecture in un um eli mterin paritum addiced ipper sphara central coaluerast at quin nerticalis a primarius et colarus aquinochio rh m'. trat 111 diametral sphara exectal quamadrod fel ex forison redyptica, it agrator m'oclubo concurrettes m' linear magadi rectal provided french, meridiary sero, et Colurus soletitie in , a directe oculo obverfi fuerut resten tatur it it wirulw , aty where fall negotio bota sphara" exlectio in plano fait effects, et plene, fuse qual aquilonio 1. c. peap 33 et sequentil he monttrata kimilest ciuris sphare projectiones is articlatice oculo ia in polo, ias alibi posito plurima ub codem. afterustur. (ateria ut ad demontrationed 2" membri recertanus ungatur fridgeles gromonico. BAD fog linea. substilari quada BD 28 pl. Gentante horisonten et meidiana simule quippe qua, sit wir diameter notices of et cois intersectio plantoral origatur niqual in hund moon producatur etyliqual tites CA as quoding internallal in A et op A ceptro descripto awal LH3 numeratur up It altitudo polipro horologio Horisontali ung m Salitado uero aquatoris L'deinde ai gunita Jes (et kent in's A applicata regula eficiatur cotu triangula gnomo what siculi, que facto que nia in sphara calette polar aqua ogiaque toris et mundi ponte in ippo Meridia no punto aideliset" inche Cot ingta paulo ante de monstrata quod libes wi a little cali punitul in provintà lineà refigent ari affect crit slois apparens poli o coulo ibidem posito similitare o locus wind apparent until aquatoris A oculo popto in Co quapp belieus de cotro aquatoris & ad distributa semidiametri ain D.A Assertatur aijunter aidelicet, quod derente ando divertaly op gold & afficientil us) is quinidator

BADISCHE

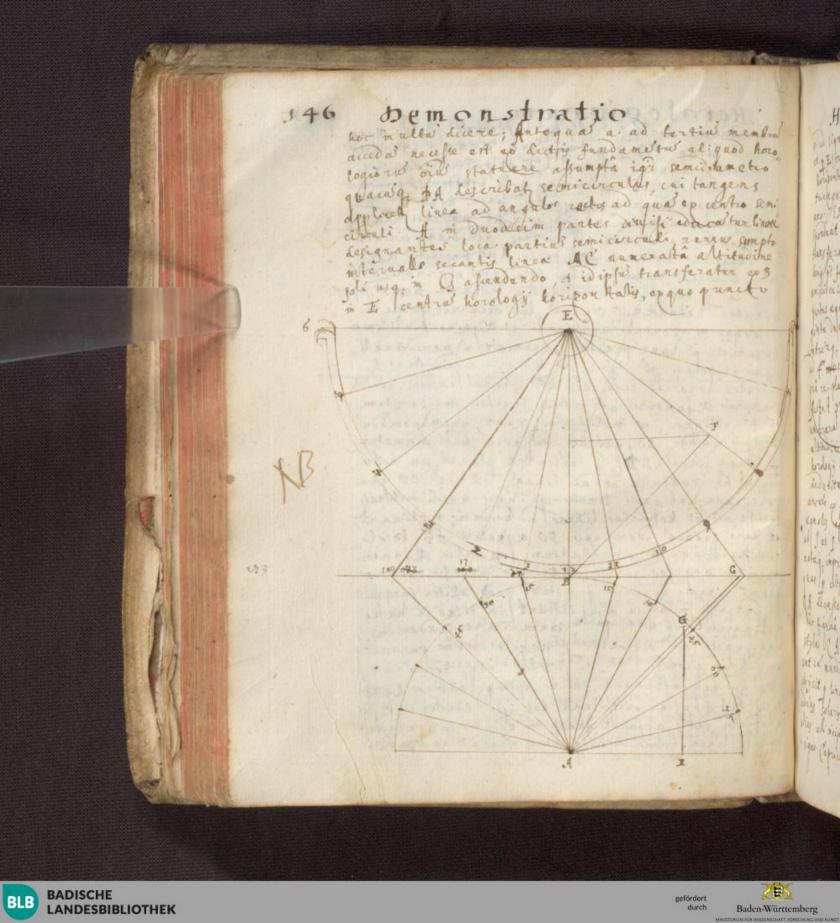
LANDESBIBLIOTHEK

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Baden-Württemberg



Horologiorum 145 apparentibus horaris circulis rappo adeals: placea agea Curry tore in linea FG of certa signa FMXO projecto recto in applicator regular and ocale Is at partil y arrively 20 100 20 0011 nel semicircia li aducatar up polo e insdeme By cade signa linea horaria, ep y autus linea hora ta il B you traducta medicina fit perpenditulares es qued et verticalis qui maring meridians circula ad angelos rectos secet porro har projectio Roya tory in linea resta in oil is horologies of fermanitale nifi is y tangentes internalla horaria boxm fry parata habeamus bubin his occurrit grave in hordogi. Hous ontali nerticali et agninochialilineae horation in lano puneto corneniat/in morionali vero et polari n'item, sa inter se asquiditent & circules horaries sese the ad sphara calette, quality niniral aquatores ad restor angulors, Horisontem u. ad obliques, at inclinator social, quembadmodul se dois mumoi so, qui est cois cores poin diameter se lit ad wied 20 & refsentat pland sen hoto logic housentare at a linea GB sen OD qua Verticale lad quas linear , ga a usis mudi instituat neale at let hoparias linear ad learnem mitinari, at hero quonia idom api 80 aquatore & horolo gin merificinale rejuhtahtem, fet contra dy aator LAT VILL apening angelos rectos Sinidunt necesse at ut cutture di Bam lined horaria practent gand aliter facere reage o nd fint, nist inter se agnis listant had si ad se natus indinarellt. up una spirte consenizent tandem in uno punito, ner aquatores y angulos revtor smearest metra a in dian ex scholio gropol. 28: 1 ruollo. atg. hor a rat love ly is prosing stad du demonttrandu, au n. ippa primitiva dequa anilek, toris testributio constituat hor igeo horologia- kqui in class . soctiale satis apparet grave in codem contrarrant caliale purito linea horaria, atga adeo n'erat necesse de.



Horologiorum, 147 which made si al signa policia, tangentis linea demittant ur eligento et y E/centra linea Chora 6'a crit hordogian enishaphi horisontale constructed, pro indice nel origid tur a funger triangula a AGF or fundamento for linear mend. ep conta l and Is its at quarter A centro Thorology & re ellocabile spondeat uel AB ap B m F et BC ap E m F"
Hansferantur et ap Fdemittat ppendeulari FC TELLEW MA a Whiteon derig of fundametw her prize of tangentes aboy feratu of amiliarento dari dinisa nama, tinea (AB mi rool' as questo partes agrades vice SE cartisdem se costos tri winta duaru, mtornallis aero ex latings wiginti sep, ad securd & st, ad 3am 100 as for concertos septua girta trias as 5 an 373, de grave pluribus in fra; wet. Restat 3" membru seterminao uidelicet certa unbeared crefcetion nel decrepation es navige solis altitudinitus profecta que determinão codiacas hordogi nocatur; ep ipla a sphara har ratione. deducitar; mtra livet Tropico sphara descripto drouls op punito & coverne Truito in iz partes agaales applicatur regula bias quartis aqualiter al Jes & herotis aircluter parisis for VI et calory notagingrimal arrai sphara uidelicet MMR, ad of deculate soucht, and as meridiane Inomonis har fighte in hand rationed practic after rury, styles of A caincy aptremeter A & position cent in mundi in graving horologio umbra de, ser se passicity linea exchan ita de umbra styli et rading Tolary and component lineal, iligates rading ubi meight umbra quonid igi sole epertite in signo Capricorni puncto wealicet of radius ciny

