

10/10
2 2 3
2 2 3
10/10
2 2 3
10/10
2 2 3

10/10
2 2 3
10/10
2 2 3

In Parte insulae occidentali:
 In cuspide maxime meridionali:
 ubi erectus cumulus lapidum, accepta
 est statio prima appellata. S.
 vide figuram—

Angulus ASW = 32. 35. 45"
 ASD = 64. 18. 45"
 ASO = 18. 6. 15"
 OSD = 46. 12. 30.
 ASE = 58. 53. 0.
 ESN = 2. 19. 30.
 NSZ = 42. 1. 30.
 ESZ = 39. 42. 0.

$ASW + ASD = WSD = 96. 54. 30$
 $ASW + ASE = WSE = 91. 28. 45$
 $WSD - WSE = ESD = 5. 25. 45$
 $ASD - ASE = \overset{\text{perum}}{ESD} = 5. 25. 45$
 $WSE - ESD = WSZ = 51. 46. 45$
 $ASW + ASN = WSE = 91. 28. 45$

Angulus ESO vel ESO = ASD - OSZ - ASE
 = 40. 46. 45"

- A. Templum Turris superius, quod est bafos terminus Meridionalis.
 W. cuspis Wadberg. cumulus lapidum.
 D. Munitioni Turricula
 O. Vertex domus nostra supra observatorium terminus
 E. cumulus Lapidum in extremo monte orientali
 maxime ad Septentrionem.
 A. cumulus Lapidum in extremo monte occidentali
 ad Septentrionem insulae.
 Z. Vertex artificum insulae Perro orientalis—
 B. Ex S. duenda linea Recta, vel ad E vel
 ad N. in cuius parte aliqua assumenda statio
 Secunda C. ex qua connexio habeatur cum bafis
 utriusque extremo. A. et B. eadem stationi
 bus S. et W.

Hinc habentur
Anguli sequentes

Ex Statione C.

Hec statio erat in linea recta conjungente

S. et E. duo extrema Insula, scilicet S. punctum maxime Meridionale elevatum, et E punctum Septentrionale, sunt autem puncta hac in Insula signata ope pyramidis i Lapidibus constructa. In extremo Septentrionali signata erant duo signa in collibus conurbationibus unum orientale & alter occidentale. Sed punctum E electum est pyramidea, quod illud solum ex puncto basos B videri possit.

Angulus B. C. E.	103. 22. 30" = 180 - SCB
SCB - SCA = A C B	50. 50. 0.
SCA - SCO = O C A	8. 28. 30
SCW - SED = S C W	32. 17. 0.
BCZ + SCB = S C Z	116. 11. 30.
BCZ =	39. 34. 0.

igitur

In statione C. intermedia, inter puncta S. et E. in eadem linea recta conjungente S. et E. directo quadrante puncto, O, ad S. sequentes accepti sunt Anguli

Angulus S C I =	S. 16. 0. ad dextram respectu S.
S. C. O =	17. 19. 0. ad sinistram S.
S. C. A.	28. 47. 30
S. C. B.	76. 37. 30

Angulus I. C. W. 37. 33. 0.

x ^{domuscula in latere} O. C. X 7. 25. 0

hic angulus cadit ad sinistram puncti. O.

O. C. B. 59. 18. 30.

Tum directo puncto Quadrante. O

in B. seu punctum basos. ad sinistram accepti sunt sequentes anguli.

Angulus B C ^a #	47. 56. 1	19. 52. 0.
B C b.	9. 18. 0	
B C c.	10. 36. 0	
B C d.	24. 48. 0	
B C ^e S.	24. 48. 0	Dem.
B C Z.	39. 34. 0.	
B C F.	54. 39. 0.	

idem.

B. C. P. 1. = 65. 10. 0 } sunt extrema

B. C. P. 2. = 66. 38. 0 } nova in fide

B. C. P. 2. = 7. 28. 0 } ad occidentem et septentrionem

B. C. R. 89. 22. 0.

B. C. M. 91. 6. 0. ^{salus aliquod omnino in fide}

Statio 3^{ta}
in puncto Septentrionali
Lafco B.

hora 9. 46. 0 fuit in H^o 10 17 30.

3

C Statio 2^{da}

Angulus C B D. 36. 38. 30

C B A. 72. 48. 30.

D B Y. 11. 41. 0.

Directio in E. 0. 0. 0

x C B C. = 54. 18. 0

E B D. = 90. 56. 0.

C B D + D B Y = C B Y. = 48. 19. 30

Directio in a. 0. 0. 0

Angulus a B b = 7. 37. 0.

a B c = 9. 36. 0

a B d = 30. 39. 0 B

Ab. punctum d idem quod ex statione C visum.

~~Angulus d~~

~~Angulus d B b~~

Inter capedo inter extremum h insulae Horae
et extremum i insulae Renoe sui

Angulus H B G = 8. 58. 0.

Latitudo latius insulae Renoe ex B visa

sem Angulus I B F = 44. 8. 30.

latitudo alia minor I B F = 41. 1. 0

Ab ex B. parva insula B. videri non potuit
quam ex h^omitas occidentalis insulae Renoe
obstruat.

In B.

Directio Quadrante in E Extremitate
insulae occid. ad Septentrionem.

79. 47. 0

C B F. 39. 12. 0.

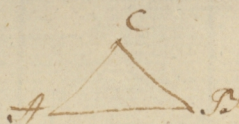
E B Z. 60. 19. 30.

E B G. 80. 13. 0.

G B D. 7. 48. 0.

E B Z. 114. 37. 30

Triangulum
A.B.C.

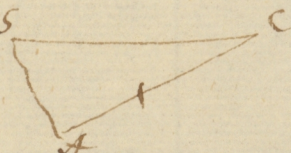


Sin. C: AD = Sin B: AC.
= Sin A: BC.

Latus AB seu Basis = 2904. Ped. V.
ABC = 42 48. 30. ~~3.4629966~~
BCA = 50 50. 0. ~~9.9801494~~
BAC = 56 21. 30. — — —

Logar.
3.4629966
9.9801494
13.4431960
9.8894765
3.5536695 AC. 3579.
3.4629966
9.9203929
13.3833905
9.8894765
3.4939140 BC. 3119.

Triang. CAS. S

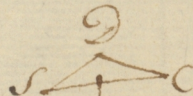


SCA = 25. 44. 30. — — —
ASE = ASC = 58. 50. 0. — — —
SAC = 95. 19. 30. Complement 90

Sin. S: AC = Sin C: SA
= Sin A: SC.

3.6385892
9.9325330
13.1922587
9.6325330
3.2597257 SA. 1819.

Triang. SDC



SDC = 5. 25. 45. — — —
SDS = 169 18. 15. (79. 18. 15)
Ergo. SDC = 169 18. 15. 10 41E45.
Triang. CDE

8.9759600
8.9628014
9.9929900
9.2685665

3.5536695
9.9981216
13.5517901
9.9325330
3.6197571 SC. 4162.

Sin. D: SC = Sin S: DC.
= Sin C: DS.

3.6192571
8.9759600
12.5952171
9.2685665
3.3266506 DC. 2122.
3.2194754 DS. 2058.

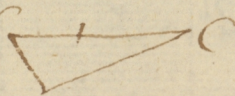
CDE = 54. 18. 0 — — —
ECB = 103. 23 30. (103. 23 30)
Ergo. CEB = 22 18. 30. 76 36 30.
Latus EC + CS = SC

9.9096607
9.9880278
9.2647505
9.5793155

Sin. C: DE = Sin E: CE
= C DE

3.4939140
9.9096607
13.4035147
9.5793155
3.8241992 C.E. 6671.
DE. 7991. 3.9026263 DE.

Triang. SOC. S



Ang. CSO = 40. 46. 45. — — —
SCO = 17. 19. 0. — — —
Ergo. SOC = 121. 54. 15. 21. 44. 15.
Triang. W. S. C.

9.8150097
9.4737097
9.4220440
9.9288735

Sin O: SC = Sin S: OC
= C. OC

3.6192571
9.4737097
13.0929668
9.9288735
3.1640930
SD = 1459. OC = 2200

Ang. CSW = 91. 28. 45. 17. 18. 45.
SCW = 32. 17. 0. — — —
Ergo. SWC = 56. 14. 15. — — —
Triang. CSZ. S

9.9998552
8.4008780
9.7276278
9.9197830

Sin W: SC = Sin W: CW
= C. SW

3.6192571
9.9998552
13.6191123
9.9197830
3.6993293
WC. 5004. SW. 2674.

CSZ = 39. 42. 0. — — —

SCZ = 116. 11. 30. 26. 11. 30
Ergo. CZS = 24. 6. 30. 63. 48. 30.

9.8053430
9.9529486
9.6448080
9.611529

Sin Z: SC = Sin Z: CZ
= C. SZ

3.6192571
9.8053430
13.4246001
9.611529
3.8134472
CZ. 6508. SZ. 9142

EC. 6671.
+ CS. 4162
SC. 10833.



Triangulo ASW. S



Lin. A: SW = Sin. S. WA.

Ergo. $WSA = 32. 35. 45. - - - 9. 7313546.$
 $SWA = 40. 39. 0. - - - 9. 8108721.$
 $SAW = 106. 45. 15. / 42. 14. 45. 9. 9811419.$

$2. 4241019.$
 $9. 7313546.$
 $12. 1584565.$
 $9. 9811419.$
 $2. 1773146. WA. 1504$

Tang. OSA.

vel. Sin WSA = S. WA.

Ergo. $OSA = 18. 6. 15.$
 $LOA = 115. 21. 22. 64. 28. 28. - - - 9. 4924048.$
 $SAO = 46. 22. 15. - - - 9. 9552958.$
quoniam angulus SWA.

$2. 2597257.$
 $9. 7313546.$
 $12. 9910803.$
 $9. 8108721.$
 $2. 1772082. WA. 1504.$

ut summa laterum SA + SW. ad SW - SA.
= Tang. $\frac{1}{2}$ Summ. : Tang. $\frac{1}{2}$ Differe.

Lin. O: SA = S: AO.
Lin. A: SO.

$SA = 1819.$ ang. S. $32. 35. 45.$
 $SW = 2674.$ Summa Ang. $147. 24. 15. 60$
Summa: $4493.$ Diff. $855.$ $42. 14. 45. \frac{1}{2}$ Summa Angulor.

$2. 2597257.$
 $9. 4924048.$
 $12. 7521305.$
 $9. 9552958.$
 $2. 4967047. AO. 626 +$

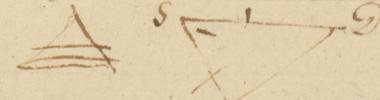
$2. 65250. 2. 90190.$
Tang. $\frac{1}{2}$ Summ. $10. 53405.$

$2. 1640900.$
 $9. 4924048.$
 $12. 6564981.$
 $9. 8598269.$
 $2. 4968712 AO. 626. +$

$10. 46602.$
 $2. 65250.$
 $9. 81249. Tang. \frac{1}{2} Diff. = 33. 2. 8.$

O 2674. 60. 81

$27. 46.$
 $249. 9. 11.$
 $245. 0. 1. 11.$
 $22. 3. 8.$



$\frac{1}{2}$ Summa: Angulor. $73. 42. 4.$
 $\frac{1}{2}$ Differentia: $22. 3. 8.$
 $106. 45. 15. > A.$
 $40. 38. 59. L. W.$
 $22. 25. 45.$
 $179. 59. 59.$

$SDO. 45. 8. 59. / 9. 8504912.$
 $OSO. 46. 12. 30. / 9. 8584535.$
 $SOD. 88. 39. 31. / 9. 9998889.$
 $SO = 1459$
 $SD = 2048.$
Summa. 3517
 $\frac{1}{2} = 1758.5$
Diff. lat. $599.$

Summa Ang. $120. 47. 30.$
 $\frac{1}{2}$ Summa. $66. 53. 45.$
Tang. $\frac{1}{2}$ Summa. $10. 2699567.$

SA. 1819
SO. 1459
Summa: 3278. $2^o. 5156089.$

$2. Diff. latitud. 2. 7774268.$
Tang. $\frac{1}{2}$ Differe Ang. $10. 2699567.$
 $12. 1473835.$
Summa latitud. $2. 5461724$

Diff. 260.
 $18. 6. 15. Tang. \frac{1}{2} Summ. 7977227$
 $179. 59. 60$
Angulor. $161. 50. 45$
 $\frac{1}{2}$ Differe. $56. 52. 2.$

$Tang. \frac{1}{2} Diff. 6012111. 21. 45. 46.$
 $+ \frac{1}{2} Diff. Angulor. 66. 53. 45.$
Major. $88. 39. 31$
Minor. $45. 7. 59$

$\frac{1}{2} Diff. 34. 24. 40.$
 $80. 56. 52. \frac{1}{2}$
 $115. 31. 32. >$
 $46. 22. 13. \angle$
 $+ 18. 6. 15. \frac{1}{2}$
 $179. 59. 59. \frac{1}{2}$

$SDO = 45. 8. 59.$
 $SD.$
Lin. D: SO = S. OD.
Lin. O: SD =
 $2. 16409. 10. D. 2. 2104454$
 $9. 85845.$
 $12. 02254$
 $9. 85049.$
 $2. 17205. OD.$
 $OD = 1486.$
 $OD. 1486$

$$\text{ex a in L } 0. 0. 0.$$

$$\text{ex a in g } 34. 40. 0 = \text{lag}$$

$$\text{ex a in f } 40. 36. 0 = \text{laf}$$

$$\text{ex a in e } 41. 20. 0 = \text{lae}$$

$$\text{ex a in c } 41. 31. 0 = \text{lac}$$

$$\text{ex a in x } 50. 5. 0 = \text{lex}$$

pro Δ fundamental

$$\text{ex a in A } 0. 0. 0$$

$$\text{ex a in b } 1. 56. 0 = \text{Tab}$$

$$\text{ex a in A } 45. 0. 0$$

$$\text{ex a in O } 17. 47. 0$$

$$\text{AaO } 27. 13. 0$$

Die 31.

$$\text{ex a in G } 0. 23. 0. \text{ semper addidit}$$

$$\text{ex a in S } 58. 0. 0 = \text{baS}$$

$$\text{ex a in M } 68. 39. 0 = \text{bam}$$

$$\text{ex a in C } 48. 21. 0 = \text{bac}$$

$$\text{ex a in R } 71. 0. 0 = \text{baR}$$

$$\text{ex a in D } 62. 19. 0 = \text{baD}$$

Mutatio quadrans

$$\text{ex a in N } 72. 22. 0.$$

$$\text{ex a in W } 52. 37. 30$$

$$\text{NaW } = 19. 44. 30$$

$$\text{ex a in W } 53. 26. 0$$

$$\text{ex a in A } 80. 54. 30$$

$$\text{WaA } = 27. 27. 30$$

$$\text{ex a in K } 73. 19. 0$$

$$\text{ex a in H } 42. 17. 0$$

$$\text{VaH } = 31. 2. 0$$

$$\text{ex a in N } 72. 19. 0$$

$$\text{ex a in K } 56. 58. 0$$

$$\text{NaK } 80. 17. 0$$

e statione infra domum parochi
ad litus maris

$$\text{ex b in a } 90. 0. 0.$$

$$\text{ex b in C } 43. 37. 30$$

$$\text{ergo abC } 46. 22. 30.$$

$$\text{ex b in a } 90. 0. 0.$$

$$\text{ex b in x } 37. 50. 0$$

$$\text{ergo abx } = 52. 10. 0$$

$$\text{ex b in a } 90. 0. 0.$$

$$\text{ex b in e } 28. 58. 30$$

$$\text{ergo abe } 61. 1. 30$$

$$\text{ex b in a } 90. 0. 0.$$

$$\text{ex b in f } 28. 18. 0.$$

$$\text{ergo abf } 61. 32. 0.$$

$$\text{ex b in a } 90. 0. 0.$$

$$\text{ex b in g } 18. 52. 0$$

$$\text{ergo abg } = 71. 8. 0$$

$$\text{ex b in P2 } 90. 31. 0 = \text{abP2}$$

$$\text{ex b in Pter Ki } 92. 6. 0 = \text{ab}$$

$$\text{ex b in K3 } 94. 35. 0 = \text{abK3}$$

$$\text{ex b in L } 98. 34. 0 = \text{abL}$$

$$\text{ex b in M } 99. 50. 0 = \text{abM}$$

$$\text{ex b in Q } 101. 13. 0 = \text{abQ}$$

$$\text{latus ba} = 2005 \text{ pny } 8 \text{ 30 fl}$$

$$\text{ex a in b } 10. 0. 0. \text{ addidit}$$

$$\text{ex a in Q } 67. 59. 0.$$

$$\text{ergo baQ } 77. 59. 0$$

$$\text{ex a in L } 63. 17. 0$$

$$+ 10$$

$$\text{baL } = 73. 17. 0$$

$$\text{ex a in M } 65. 10. 0$$

$$+ 10$$

$$\text{baM } = 75. 10. 0$$

$$\text{ex a in K3 } 73. 57. 0 + 10 = \text{baK3 } 83$$

$$\text{ex a in Ki+ } 76. 28. 0 + 10 = \text{baKi+ } 86$$

$$\text{ex a in Pi } 77. 14. 0 + 10 = \text{baPi } 87$$

$$\text{ex a in P2 } 78. 41. 0 + 10 = \text{baP2 } 88$$

Mutatio quadrans

Dro 31. glineas.
ex a in N 79. 19. 0
ex a in L 11. 20. 0

Nad. 84 39 0

Ex a transitu in b

ex b in A. 91. 21. 0
ex b in W. 68. 1. 0
A + b W. 23. 20. 0

ex b in + 91. 53. 0
ex b in N. 85. 39. 0
A b N = 6. 16. 0

ex b in N. 86. 35. 0
ex b in H. 70. 39. 0
ergo N b H. 15. 56. 0

ex b in N. 86. 35. 0
ex b in K. 15. 25. 0
N b K. 71. 10. 0

ex b in N. 86. 35. 0
ex b in L. 16. 7. 0

N b L = 70. 22. 0

ex b in N. 86. 35. 0
ex b in D + b. 12
N b D = 92. 47. 0

Mutualy quadr

Ex b in D. 12. 36. 30

ex b in C. 5. 4. 0

D b C. 7. 32. 30

ex b in D. 12. 36. 30

ex b in M. 2. 23. 30

D b M = 10. 13. 0

ex b in D. 12. 36. 30

ex b in S. 7. 52. 0

D b S. 18. 28. 30

ab. =

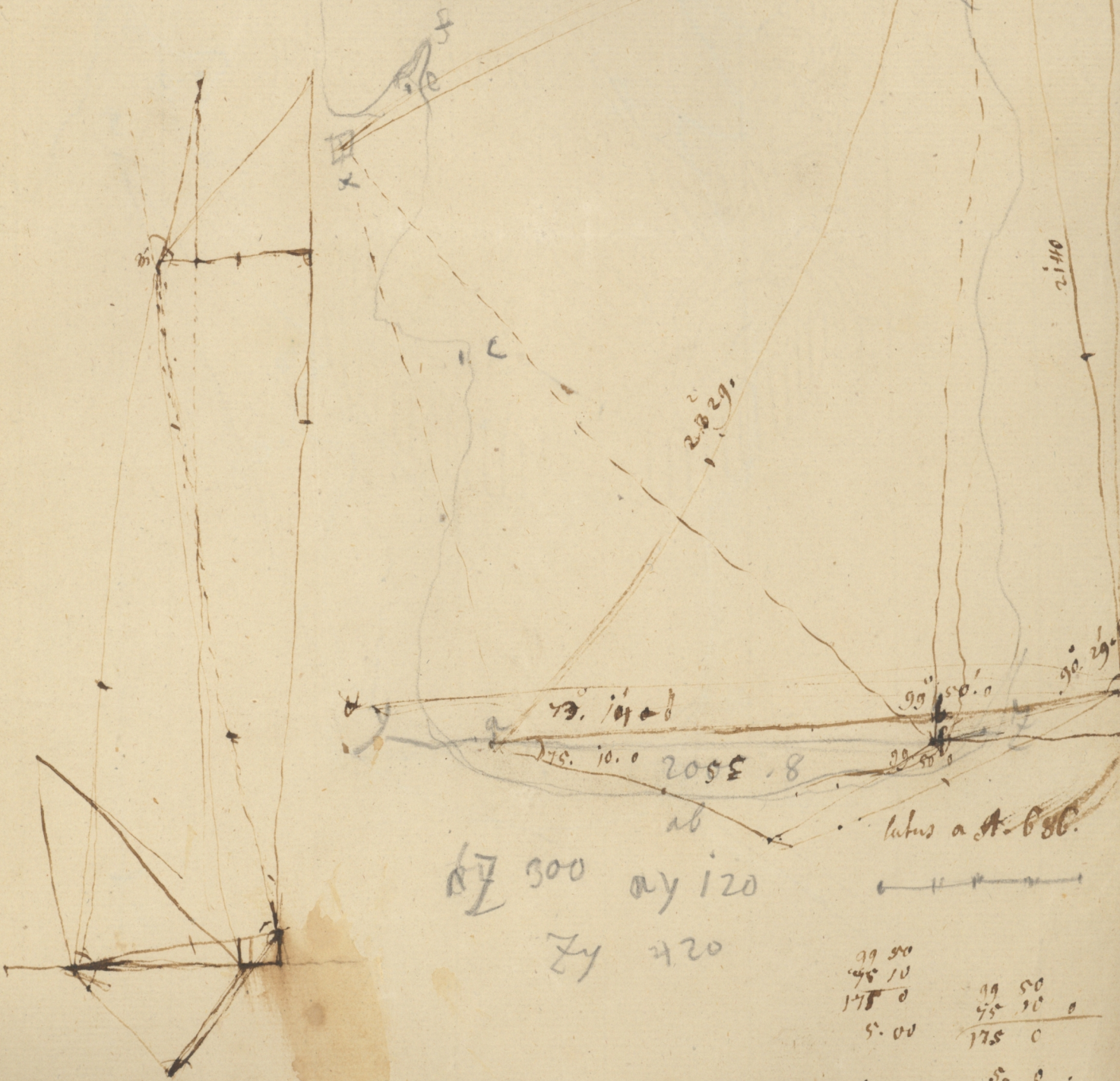
$$\begin{array}{r} 54 \ 22 \\ 54 \ 43 \\ \hline 395 \\ + \ 114 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \\ 18 \\ \hline 54. \end{array}$$

$$\begin{array}{r} 27 \\ 35 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ 24 \\ \hline \end{array}$$

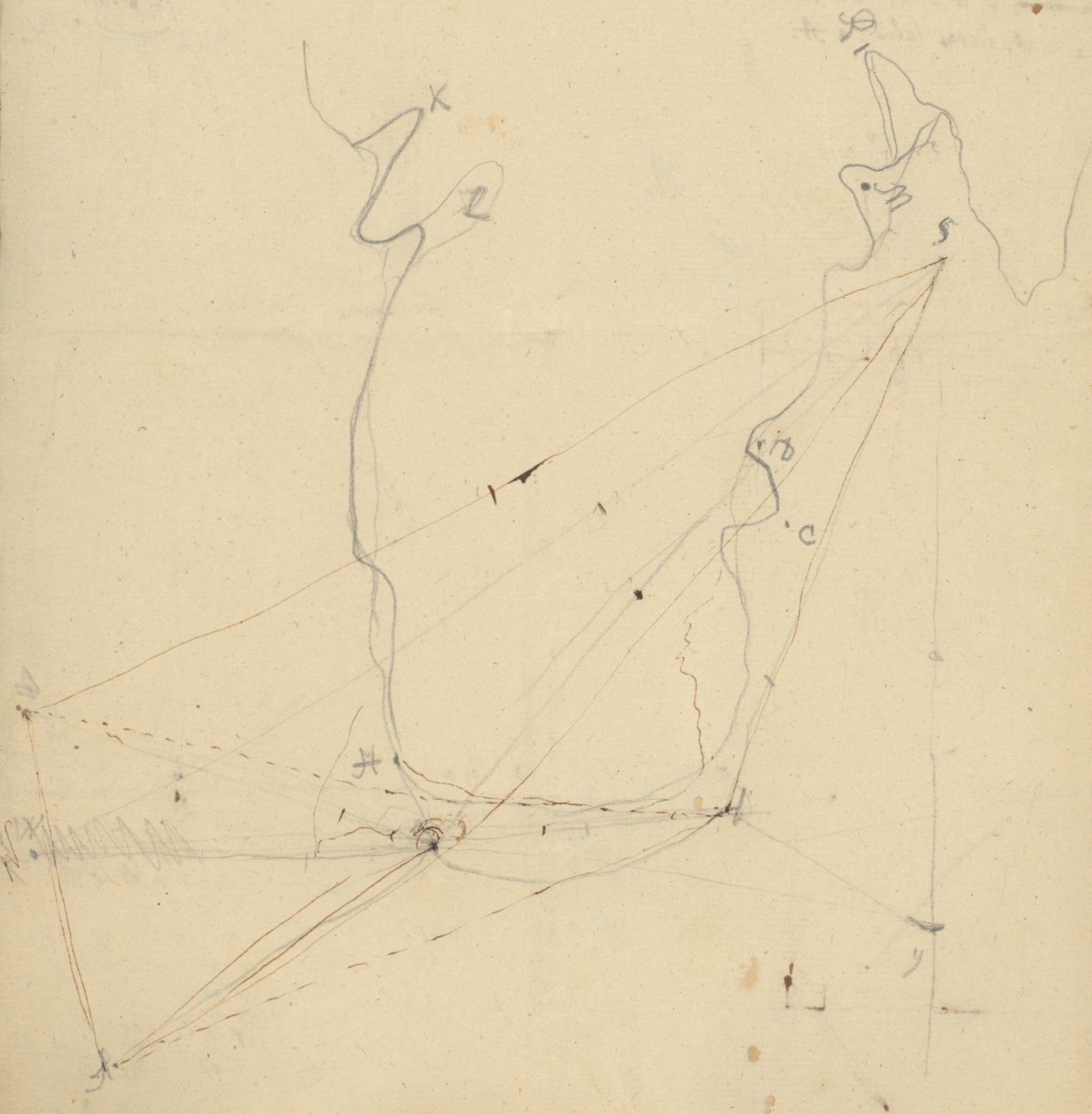
An inveniendū hūc totius
 Linas respectu basios
 habetur in triangulo rectangulo
 basios Af m. duo latera Af
 et fm hinc hypotenusā Am .
 in Δ a m l. nō scitur latus a m
 adeoq; in Δ a m A habentur
 latera a m et Am et angulus
 a A , hinc requiritur angulus
~~a m~~ e a Am , unde scitur
 a m A , adeoq; latus a A .



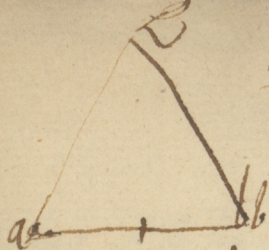
67 500 ay 120
 74 420

99 30	99 50
45 10	45 10
175 0	175 0
5. 00	5. 00
	5. 00

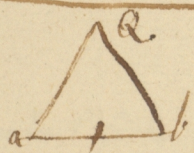
45 10
1 50
43. 14



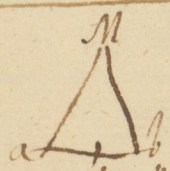
Septentrionali.



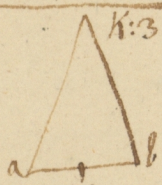
$$\begin{aligned} \angle a b &= 73. 14. 0 \\ \angle b a &= 98. 34. 0. \end{aligned}$$



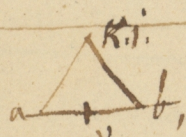
$$\begin{aligned} a b Q &= 101. 13. 0 \\ Q a b &= 71. 59. 0. \end{aligned}$$



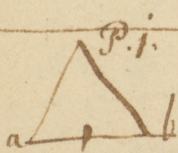
$$\begin{aligned} a b M &= 99. 50. 0 \\ b a M &= 75. 10. 0. \end{aligned}$$



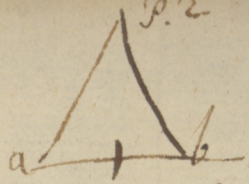
$$\begin{aligned} b a K^3 &= 83. 51. 0 \\ a b K^3 &= 94. 35. 0 \end{aligned}$$



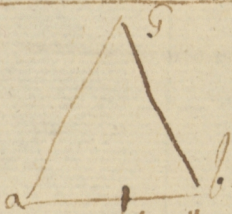
$$\begin{aligned} b a K_i &= 86. 28. 0 \\ a b K_i &= 92. 6. 0. \end{aligned}$$



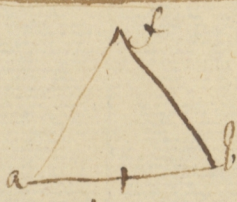
$$\begin{aligned} a b P_i &= 92. 6. 0 \\ b a P_i &= 87. 14. 0. \end{aligned}$$



$$\begin{aligned} abp &= 90. 31. 0 \\ bap &= 88. 41. 0 \end{aligned}$$

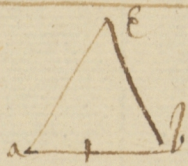


$$\begin{aligned} abg &= 71. 8. 0 \\ bag &= 104. 57. 0 \end{aligned}$$

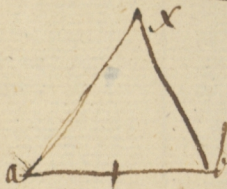


infirio

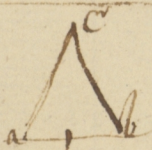
$$\begin{aligned} abf &= 61. 42. 0 \\ baf &= 113. 53. 0 \end{aligned}$$



$$\begin{aligned} abe &= 61. 1. 30 \\ bae &= 114. 37. 0 \end{aligned}$$



$$\begin{aligned} abx &= 52. 10. 0 \\ bax &= 123. 22. 0 \end{aligned}$$



$$\begin{aligned} abc &= 46. 22. 30 \\ bac &= 114. 48. 0 \end{aligned}$$

Triangulum

ABC.

Latus AB seu basis = 2904 P. 1.

Angulus ABC = 72. 48. 30

BCA = 50. 50. 0

BAC = 56. 21. 30

Triangulum C.A.S.



Angulus SCA = 25. 47. 30.

ASC = ASC = 58. 53. 0

SAC = 95. 19. 30.

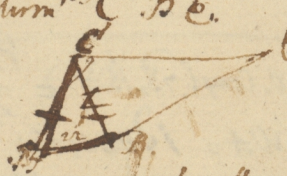
Triangulum S.D.C



Angulus S.D.C = 5. 25. 45

JCS = 5. 16. 0

Triangulum C.B.E.

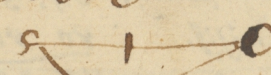


Ang CBE = 54. 18. 0

ECB = 103. 23. 30.

Latus EC + CS = SE = 12

Triangulum S.O.C



Angulus CSO = 40. 46. 45

SCO = 17. 19. 0

121 54. 15. S O C

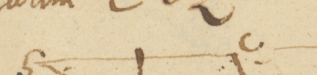
Triangulum W.S.C



Angulus CSW = 91. 24. 45

SCW = 32. 17. 0

Triangulum C.S.Z



Angulus CSZ = 39. 42. 0

SCZ = 116. 11. 30

5ZC = 24. 6. 30

Quantitas Latus AC
ut l. ACB ad AB = l. CAB
ad AC.
AB. 2904 ped. Sin Log 3. 46299
Sin. CBA. 72. 48. 30 = 9. 98014
Sin. ACB 50. 50. 0 = 9. 88947
3. 55366
Latus AC = 3578. ped.

Quantitas Latus BC.
ut l. ACB: AB = l. CAB: BC.
AB = 2904. 29.
CAB. 56. 21. 30 = 9. 92039
13. 38338
9. 88947
3. 49391.
Latus BC = 3118. ped. 3 dig

Latus SC.
ut Sin. ASC: AC = l. SAC
ad SC.
AC = 3. 55366.
l. Compl. SAC = 9. 99812
Sin. 24. 40. 30 = 9. 41178
13. 55178
l. ASC 48. 53. 0 = 9. 93253.
3. 61925.
Latus SC = 4161. ped. 6 dig
Ex alia operatione
per proportionem = 4161. 5 dig.

Latus SA.
ut l. ASC: AC = l. SCA: SA.
AC = 3. 55366.
SCA. 25. 47. 30 = 9. 63858
13. 19224
ASC. 58. 53. 0 = 9. 93253.
3. 25971
Latus SA = 1818 + 6 dig.

Latus S.D.
ut l. SDC: SC = l. DCS: SD.
SC = 3. 61925
S. 16. 0 = 8. 96280
Comp 159 14 15 = 12. 58205
Latus SD 2058 221549

Lat. D.C.
ut l. SDC: SC = l. DSC: DC.
SC = 3. 61925
S. 25. 45. = 8. 97595
12. 59520
9. 26856
Lat DC. 2121. 332664

Latus C.B.E.
ut l. CCB: CB = l. CBE
CB. = 3. 49391.
CBE 54. 18. 0 = 9. 90960.
13. 40351
C. 22. 18. 30 = 9. 57931
3. 82420
Latus CE = 6671. ped. 2 dig
SC + CE = 10832 + 8 dig

Latus B.E.
ut l. CBE: CB = l. BCE: BE
CB = 3. 49391.
BCE. 76. 36. 30 = 9. 98802
13. 81222
BCE = 9. 90960
3. 90262
Latus BE = 7999. pedus.
2 dig

Latus S.O.
ut l. SOC: SC = l. SCO: SO.
SC = 3. 61925.
SCO. 14. 19. 0 = 9. 47370
13. 09295
Comp. 50C. 58. 54. 45 = 9. 92887
3. 16408x
Lat. SO = 1459 + 1 dig.

Latus C.O.
ut l. SOC: SC = l. SCO: CO.
SC = 3. 61925.
CO. 40. 46. 45 = 9. 81500
13. 43425
SOC. = 9. 92887
3. 50538
Lat. CO = 3201 + 9 dig.

Latus S.W.
ut l. SWC: SC = l. SCW: SW.
SC = 3. 61925.
32 14. 0 = 9. 72762
13. 34687
Comp SWC 56. 14. 15 = 9. 91978
3. 42709
SW = 2673 + 7 dig.

Lat. W.C.
ut l. SWC: SC = l. SCW: WC
SC = 3. 61925.
WSC 48. 31. 15 = 9. 92985
13. 61910
SWC. = 9. 91978
3. 69932
Lat. WC = 5004 + 1 dig.

Lat. C.Z
ut l. SZC: SC = l. CSZ: CZ
SC = 3. 61925.
CSZ 39. 42. 0 = 9. 80534.
13. 42459
SZC = 9. 61176
3. 81344
Lat. CZ = 6508. ped. 0

Lat. S.Z.
ut l. SZC: SC = l. SCZ: SZ
SC = 3. 61925.
SCZ 63. 48. 30 = 9. 95294
13. 57219
SZC. = 9. 61176
3. 96004
Lat. SZ = 9142 + 2 dig.

Triangulum A S W

$WS = 2673. \frac{2}{3}$
 $SA = 1818. \frac{6}{10}$
 $\text{Summa} = 4492. \frac{1}{10}$
 $\text{Differ.} = 855. \frac{1}{10}$
 $\text{Angulus } WSA = 32. 35. 45.$
 $\text{Summa} = 147. 24. 15.$
 $\text{Semif.} = 73. 42. 7. \frac{1}{2}$



Triangulum O S A



$\text{Angulus } OSA = 18. 6. 15.$
 $SA = 1818. \frac{6}{10}$
 $SO = 1459. \frac{1}{10}$
 $\text{Summa Lat.} = 3277. \frac{7}{10} \text{ dig}$
 $\text{Differ.} = 359. \frac{5}{10}$
 $\text{Sum Ang.} = 161. 53. 45$
 $\text{Semif.} = 80. 56. 52. \frac{1}{2}$

Triangulum O S D



$\text{Ang. } OSD = 46. 12. 30$
 $\text{Lat. } SD = 2058.$
 $\text{Lat. } SO = 1459. \frac{1}{10} \text{ dig}$
 $\text{Summa} = 3517.$
 $\text{Differ.} = 599.$
 $\text{Sum Ang.} = 133. 47. 30$
 $\text{Semif.} = 66. 53. 45.$

$\text{Summa Lat.} = 3517. - - - 2. 54617$
 $\text{Differ.} = 599. - - - 2. 77742$
 $\text{Tang. semif.} = 66. 53. 45. - 10. 36995$
 $13. 14737$
 $3. 54617$
 $9. 60120$

$\text{Tang. semif.} = 21. 45. 45$
 $66. 53. 45$
 $\text{Ang. } SOD = 88. 39. 30$
 $\text{Ang. } SDO = 45. 8. 0$

$WSO : SO = OSD : OD$

$20. 12. 36$
 $SO : OSD = 3. 16408$
 $OSD = 9. 85845.$
 $13. 02253$
 $9. 85049.$

$OD = 1486 + 1 \text{ dig. } 3. 17204$

$SOA = 115. 29. 12$
 $SOD = 88. 39. 30$
 $204. 8. 42$
 $359. 59. 60.$

$\text{Ang. } AOD = 155. 34. 18$
 $\text{Differ.} = 24. 8. 42 \text{ compl.}$

Lat. W. A.

$\text{ut Summa Lat. } WS + SA : \text{differ. Lat. } WS - SA$
 $\text{ita Tang. semif. Ang. } WSA \text{ ad Tang. semif. differ. Lat.}$
 $\text{Summa Lat.} = 4492 + 1. \text{ Log. } 3. 65243.$
 $\text{Differ. Lat.} = 855. + 1. \text{ Log. } 2. 93200.$
 $\text{Tang. semif. } 73. 42. 7. \text{ Log. } 10. 53404$
 $13. 46604$
 $3. 65243$
 $9. 81361$

$\text{Tang. semif. } 33. 3. 58$
 $\text{Ang. } SAW = 73. 42. 7$
 $106. 46. 5$
 $\text{Ang. } SWA = 40. 38. 9.$
 $\text{ut } SWA : SA = WSA : WA$

$SA - - - 3. 25971.$
 $WSA. 32. 35. 45 = 9. 73135$
 $12. 99106$
 $SWA. 40. 38. 9. 10 = 9. 81374$
 $3. 17732$
 $\text{Lat. } WA = 1504 + 3 \text{ dig. } 24$

$\text{ut } SAW : SW = WSA : WA$

$WS. 3. 42709.$
 $WSA 9. 73135$
 $SAW. \text{ Compl. } 73. 12. 55 = 9. 98112$
 $13. 15844$
 $\text{Lat. } WA = 1504 + 3 \text{ dig. } 3. 17732. \text{ idem}$

Lat. A. O.

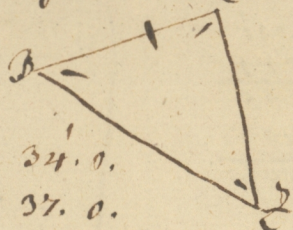
$\text{Summa Lat. } W. 3277. 7 \text{ dig. Log. } 3. 51555$
 $\text{X. H. } - - - 359. 5. \text{ Log. } 2. 55559$
 $\text{Tang semif. } 80. 56. 52. \text{ Log. } 10. 79772$
 $13. 35331$
 $3. 51555$
 $9. 83776$

$\text{Tang. semif. } 34. 32. 20$
 $\text{Semif. } 80. 56. 52.$
 $SOA = 115. 29. 12$
 $OAS. \times 46. 24. 32.$

$WAS : SO = OSA : AO$

$SO - - - 3. 16408.$
 $OSA = 18. 6. 15. 9. 49240$
 $12. 65648$
 $46. 24. 32. - 9. 85990$
 $10 \pm 626 - 2. 79658$

Triangulum C B Z



Ang. B C Z: 39. 34. 0.
 C B Z. 114. 37. 0.
 B Z C. 25. 49. 0.

Lat. C Z

3. 49391.
 9. 95861.
 13. 45252
 * 9. 63898 -
 3. 81354

C Z = 6509.

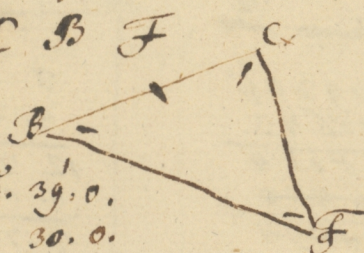
Lat. B Z - 10

3. 49391.
 9. 80412
 13. 29803
 9. 63898
 3. 65905

B Z - 4561.

Triangulum.

C B F



Ang. B C F. 54. 39. 0.
 C B F. 93 30. 0.
 B F C. 31. 51 0

Lat. C F

3. 49391.
 9. 99918
 13. 49309
 * 9. 72238
 3. 77071.

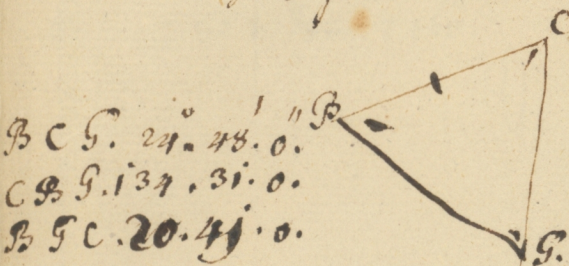
C F 5898.

Lat. B F

3. 49391.
 9. 91149
 13. 40540
 9. 72238
 3. 68302.

B F. 4820.

Triangulum. C B G



B C G. 24. 48. 0.
 C B G. 134. 31. 0.
 B G C. 20. 41. 0.

Lat. C G

3. 49391.
 9. 91590
 13. 40981
 9. 54802
 3. 86179

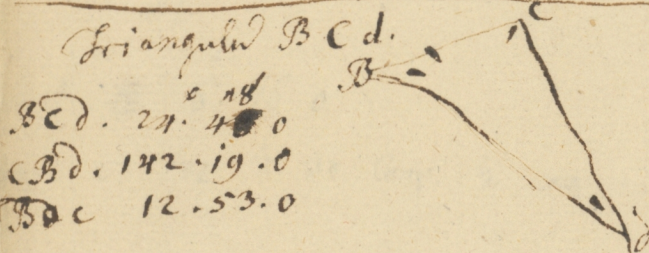
C G. 7274.

Lat. B G

3. 49391.
 9. 62268
 87122
 13. 11659
 9. 54802
 3. 56857.

B G. 3703.

Triangulum B C d.



B C d. 24. 48. 0
 C B d. 142. 19. 0
 B d C. 12. 53. 0

Lat. C d

3. 49391.
 9. 78625.
 13. 28016
 9. 34823 *
 3. 93193.

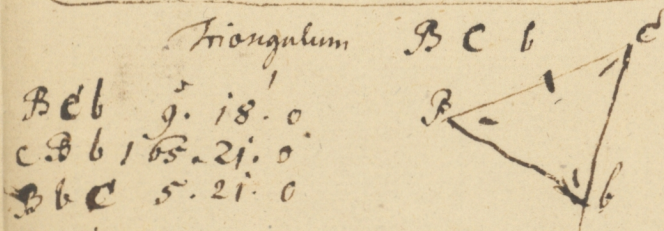
C d 8549.

Lat. B d.

3. 49391.
 9. 62268
 13. 11659
 9. 34823
 3. 76836.

B d. 5866.

Triangulum B C b



B C b. 9. 18. 0.
 C B b. 165. 21. 0.
 B b C. 5. 21. 0

Lat. C b

3. 49391.
 9. 40297.
 12. 89688
 8. 9. 6959.
 3. 92729.

C b. 8458.

Lat. B b.

3. 49391.
 9. 20845.
 12. 70236
 8. 9. 6959
 3. 73377

B b. 5417.

Triangulum B C a
 Angulus
 A B a
 114. 13. 30"

B C a 4. 56. 0.
 C B a 172. 58. 0.
 B a C 2. 6. 0.

C a
 3 49391
 9. 08794
 12. 58185
 8. 56399
 4. 01786

B a
 3 49391
 8. 93448
 12. 42839
 8. 56399
 3. 86440

C a 10420.

B a. 7318

Triangulum B C c.

B C c. 10. 36. 0.
 C B c 163. 22. 0
 B c C. 6 20



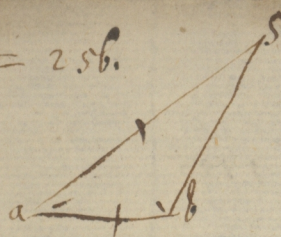
C c C c
 3. 49391
 9. 26470
 12. 95064
 9. 26470
 3. 68594
 12. 95064
 9. 02163
 3. 92901

C c 8492.

B c B c
 3. 49391
 9. 26470
 12. 75861
 9. 02163
 3. 73698.

B c 5457.

$$ab = 256.$$



$$\begin{array}{r} 92 \quad 47' \quad 0'' \\ 65 \quad 18 \quad 28 \quad 30 \\ \hline 111 \quad 15 \quad 30 \end{array}$$

$$2.56 = 2.40823$$

44

$$\begin{array}{l} Sab \quad 58.23'0'' \\ abS \quad 111.15'30'' \end{array}$$

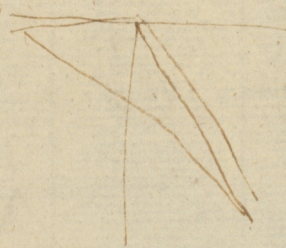
$$\begin{array}{l} AS: 3.12283 = 1324. \\ bS: 3.08366 = 1212 \end{array}$$

$$2.40.30: ab = 17.4.0.$$

$$\begin{array}{r} 2.40823. \\ 9.46758 \\ \hline 11.87581 \\ 8.66904 \\ \hline 3.20677 \end{array}$$

$$Wa = 3.20677$$

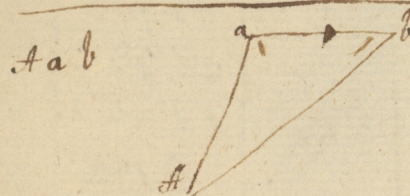
Wab 160 15.30 seu Compl. 19.44.30
Wba 14.4.0.
 $\frac{174 \quad 19.30}{2.40.30}$
awb. 2.40.30



Angulus WaS. 101.52.30 Compl. 78.7.30.
 $Wa = 3.51401 = 2069$

$$\begin{array}{r} Sam \quad 69 \quad 2' \quad 0'' \\ bas = 58.23'0'' \\ \hline Sam = 10.39.0 \\ Sam. 169 \quad 21' \quad 0'' \end{array}$$

$$\begin{array}{r} AM = 1800 \\ AS = 1324 \\ \hline Sum. 3124 \\ \hline 473.2. \end{array}$$



$$abA = 6.16'0''$$

$$Aab = 172 \quad 15.30 \text{ Compl. } 7.44.30$$

$$\begin{array}{r} 84.40.30. \\ 58.21.30 \\ \hline AMs. = 26.19'0'' \\ ASM. 143.2.0. \end{array}$$

$$at \quad 26.19.0 \quad AS. = 10.39.0.$$

$$\begin{array}{r} 2.87486. \\ 11.03055 \\ \hline 13.70541 \\ 3.49512 \\ \hline 10.21029 \end{array}$$

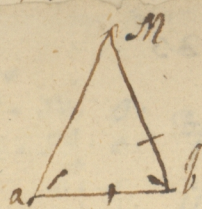
$$\begin{array}{r} 3.12283. \\ + 9.26672 \\ \hline 12.38955 \\ 9.64672 \\ \hline MS = 2.74283 = 553. \\ SE. 10833. \end{array}$$

$$ME = 11386$$

$$\frac{2}{1} : \frac{3}{4} \frac{1}{3} \quad \frac{1}{2} \quad \frac{3}{2}$$

$$\frac{3}{6} \quad \frac{1}{2} \text{ mil}$$

$$\begin{array}{r} 12000 \\ 11386 \\ \hline 614 \end{array}$$

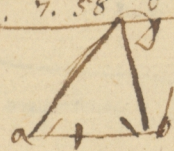


2.40823

ab
 $Mab = 69. 2. 0 =$

$abM = 103. 0. 0 = 77. 0. 0$

$amB. 7. 58. 0$



$Ab. 92. 44. 0 = 87. 13. 0$

$ab. 62. 42 =$

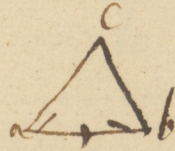
$Ab. 155. 29. 0$

$Ab.$
 $2. 40823.$
 $9. 97024$
 $12. 37844$
 $9. 14175$
 $Ab. 3. 23672 = 1725.$

$am - 2. 40823.$
 $9. 98872$
 $12. 39695$
 $9. 14175$
 $am = 3. 25520 = 1800$

$Ab.$
 $2. 40823$
 $9. 94871$
 $12. 35694$
 $9. 61800$
 $Ab = 2. 73894 = 548.$

$Ab.$
 $2. 40823$
 $9. 99948$
 $12. 40771$
 $9. 61800$
 $2. 78971 = 616.$



$bac = 48. 44. 0$

$abc = 100. 19. 30 = 79. 40. 30$

$149. 3. 30$

$Ac. b. 30. 56. 30$

Cb
 $2. 40823.$
 $9. 87601$
 $12. 28424$
 $9. 71099$
 $Cb = 2. 57325 = 375.$

ac
 $2. 40823$
 $9. 99290$
 $12. 40113$
 $9. 71099$
 $ac. 2. 69014 = 490.$



$abh 71. 10. 0$

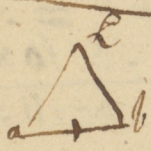
$bak 99. 43. 0 = 80. 17. 0$

$170. 53. 0$

$aKb. 9. 53. 0$

$Kb.$
 $2. 40823$
 $9. 99372$
 $12. 40195$
 $9. 23462$
 $Kb. 3. 16733 = 1470.$

aK
 $2. 40823$
 $9. 97610$
 $12. 38433$
 $9. 23462$
 $aK. 3. 14971 = 1412$



$Lab. 95. 21. 0 = 84. 39. 0$

$abL 70. 28. 0$

$165. 49. 0$

$aLb. 14. 11$

Lb
 $2. 40823.$
 $9. 99810$
 $12. 40633$
 $9. 38921$
 $Lb. 3. 01712 = 1040.$

$aL.$
 $2. 40823.$
 $9. 97428$
 $12. 38248$
 $9. 38921$
 $aL. 2. 99327 = 984.$



$abH. 15. 56. 0$

$Hab. 148. 58. 0 = 31. 2. 0$

$167. 54. 0$

$aHb. 15. 6. 0$

$Hb.$
 $2. 40823.$
 $9. 71225$
 $12. 12048$
 $9. 41581$
 $Hb. 2. 40467 = 507.$

$aH.$
 $2. 40823.$
 $9. 43857.$
 $11. 84660$
 $9. 41581$
 $aH. 2. 43079 = 270$

Δ $a = 86. 28. 0. \quad 9. 9991707.$
 $b = 92. \quad 6. 0.$
 $Com = 87. 54. 0 \quad 9. 9994082.$
 $Ki = 1. 26. 0. \quad 8. 7981793.$

Δ $b = 92. \quad 6. 0.$
 $a = 84. 14. 0. \quad 9. 9994935.$
 $Pi = 0. 40. 0. \quad 8. 0657763.$
 $b = 92. \quad 6. 0.$
 $Compl. = 87. 54. 0 \quad 9. 9994082.$

Δ $b = 90. 21. 0.$
 $a = 88. 41. 0. \quad 9. 9998853.$
 $Pr = 0. 48. 0. \quad 8. 1449532.$
 $b = 90. 21. 0.$
 $Com. = 89. 29. 0 \quad 9. 9999823.$

Δ $b = 71. 8. 0. \quad 9. 9760167.$
 $a = 107. 57. 0.$
 $Com. = 72. 2. 0 \quad 9. 9783293.$
 $P. = 0. 55. 0. \quad 8. 2040703.$

Δ $b = 61. 42. 0. \quad 9. 9447182.$
 $a = 113. 50. 0.$
 $Com. = 66. 7. 0. \quad 9. 9611228.$
 $f = 4. 25. 0. \quad 8. 8865418.$

Δ $b = 61. 1. 20. \quad 9. 9419242.$
 $a = 114. 77. 0.$
 $Com. = 65. 23. 0 \quad 9. 9586188.$
 $e = 4. 21. 20. \quad 8. 8807781.$

Δ $a = 123. 22. 0.$
 $b = 52. 20. 0 \quad 9. 8945162.$
 $x = 4. 28. 0 \quad 8. 8914209.$
 $a. = 123. 22. 0.$
 $Compl. = 56. 38. 0. \quad 9. 9217708.$

Δ $b = 46. 22. 20 \quad 9. 8596611.$
 $a = 114. 48. 0.$
 $Com. = 65. 12. 0 \quad 9. 9549794.$
 $C. = 18. 49. 20. \quad 9. 5087703.$

$Ki: ab = a: bk' \text{ } b: ak'$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9991707. \quad 9. 9994082.$
 $12. 2130409 \quad 12. 2135754$
 $8. 7981793. \quad 8. 7981793.$
 $3. 9148616 \quad 3. 9153961$
 $bk' = 8220. \quad ak' = 8230.$

$Pi: ab = a: bPi \text{ } b: aPi$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9994935. \quad 9. 9994082.$
 $12. 2130607 \quad 12. 2135754$
 $8. 0657763. \quad 8. 0657763.$
 $4. 2475844 \quad 4. 2477991$
 $bPi = 17680. \quad aPi = 17690.$

$Pr: ab = a: bPr \text{ } b: aPr$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9998853. \quad 9. 9999823.$
 $12. 2137525 \quad 12. 2138495$
 $8. 1449532. \quad 8. 1449532.$
 $4. 1687993 \quad 4. 1688963$
 $bPr = 14750. \quad aPr = 14750.$

$P: ab = a: bP \text{ } b: aP$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9783293. \quad 9. 9760167.$
 $12. 2921965 \quad 12. 2898839$
 $8. 2040703. \quad 8. 2040703.$
 $4. 0881262 \quad 4. 0858136$
 $bP = 12250. \quad aP = 12180.$

$f: ab = a: fb \text{ } b: af$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9611228. \quad 9. 9447182.$
 $12. 2749900 \quad 12. 2585854$
 $8. 8865418. \quad 8. 8865418.$
 $3. 3884482 \quad 3. 3720436$
 $bf = 2446. \quad af = 2356.$

$e: ab = a: eb \text{ } b: ea$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9586188. \quad 9. 9419242.$
 $12. 2524860 \quad 12. 2557914$
 $8. 8807781. \quad 8. 8807781.$
 $3. 3917079 \quad 3. 3750133$
 $eb = 2464. \quad ea = 2371.$

$x: ab = a: bx \text{ } b: ax$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9217708. \quad 9. 8945162.$
 $12. 2356410 \quad 12. 2113834$
 $8. 8914209. \quad 8. 8914209.$
 $3. 3442201 \quad 3. 3199625$
 $bx = 2209. \quad ax = 2089$

$c: ab = a: bc \text{ } b: ac$
 $2. 2138672. \quad 2. 2138672.$
 $9. 9579794. \quad 9. 8596611.$
 $12. 2718466 \quad 12. 1735280$
 $9. 5087703. \quad 9. 5087703.$
 $2. 7630763 \quad 2. 6647580$
 $bc = 579. \quad ac = 462.$

26. *Actus.*
27. *Actus.*
28. *Actus.*
29. *Actus.*

30. *Actus.*
31. *Actus.*
32. *Actus.*
33. *Actus.*
34. *Actus.*
35. *Actus.*
36. *Actus.*
37. *Actus.*
38. *Actus.*
39. *Actus.*
40. *Actus.*

$$ab = 256 = 2.4082400, \quad \text{S: } ab = a; sb.$$

$a = 58. 13. 0.$ $g. 9302226.$
 $C. 68. 44. 30. 6. = 111. 15. 30.$
 $5. = 10. 28. 30$ $g. 2747958.$
 $C. 111. 15. 30$
 $W. Compl. 68. 44. 30$ $g. 9693950$

2. 4082400.	2. 4082400
9. 9302226.	9. 9692950
12. 3084626	12. 3776350
9. 2547988.	9. 2547988
3. 0736638.	3. 1228362.
$Sb = 1185.$	$Sa = 1327.$

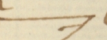
$w = 2. 40. 20. 8. 6690412.$
 $b. = 14. 4. 0. 9. 4675848.$
 $a = 160. 13. 20. 9. 5286337$
 Com. 19. 44. 20.

$W: ab = a: Wb$ $\dot{u}$ $b: aW$
 2. 4082400. 2. 4082400.
 9 5286337. 9. 4675848.
ii. 9368737 ii. 8758248
 8. 6690412 8. 6690412.
3. 2678325. 3. 267836.
 $Wb = 1820.$ $Wa = 1610.$

Δ $a = 101.52.30$ g. 9906047
 Com. 48. 7. 30.
 Ergo. $S. = 50. 20. 0$ g. 8874061.
 el. $W. = 27. 34. 20$

$La: Wa = R: Tang S.$ / $S: Wa = a: WS.$
 $Wa: 2.2064836.$
 $R: 10.0$
 $\hline 10.2064836$
 $La: 2.1228062.$
 $\hline 10.0839474$
 $Tang. de 30. 30. S.$

2.2064836
 $\hline 9.9906047.$
 10.1973883
 $\hline 9.8874061$
 $\hline 2.3099822$
 $WS. 2041.$



 $b. = 6. 16. 0. 9. 028'04470$
 $a = 172. 18. 20.$
 $\text{Comp. } 7. 44. 30. 9. 1293893$
 $A. 1. 28. 30. 8. 4106148$

$A: ab = a: Ab$ vel $b: aA$.
 2. 4082400.
 9. 1292893.

 ii. 5376293
 8. 4106145.

 3. 1270148.
 $Ab = 1340.$

$$\begin{array}{r}
 m \\
 \triangle \\
 a \quad b
 \end{array}$$

a =	69.	2. 0.	9.	9702480.
b.	109.	0. 0.		
Com.	77.	0. 0.	9.	9887239.
m.	7.	58. 0	9.	1417807.

$m. ab = a: mb \text{ vel. } b: am.$
 $2. 4082400.$
 $9. 9702486.$
 $12. 3784886$
 $9. 1417534.$
 $2. 2367349$
 $mb: 1725.$

$a \Delta b$
 $b_i = 92. 47. 0.$
 $a = 62. 42. 0. 9. 9487147.$
 $D. = 24. 01. 0. 9. 6180041.$
 $b = 92. 47. 0.$
 $\text{Ampl.} = 87 \text{ } 12 \text{ } 0 \text{ } 9. 9994874.$

D: $ab = 6 : ad$; $Da : Db$.

2. 4082400.	2. 4082400
<u>9. 9994874.</u>	<u>9. 9487144.</u>
12. 4077274	12. 3569547
<u>9. 6180041.</u>	<u>9. 6180041</u>
2. 7897233	2. 7389506.
$ad = 616.$	$Db = 549.$

Δ
 $a = 48.440 \text{ g. } 8760145$
 $b = 100 \text{ ig } 30$
 $\text{Com: } 79.40.30 \text{ g. } 9929099$
 $c = 20.56.30 \text{ g. } 7111026$

$$\begin{array}{r} c: ab = a: cb \text{ i } b: ac \\ 2. 4082400. \\ 9. 8760145 \\ \hline 12. 2842545 \\ 9. 7111026 \\ \hline 2. 5731519. \\ cb = 275. \end{array}$$

Δ^k
 $b = 71.10.0 \text{ g. } 9261000$
 $a = 99.40.0$
 $K = 9 \text{ } 5.0 \text{ g. } 1998790$
 $a = 99.43.0$
 $\text{Compl. } 80 \text{ } 17.0 \text{ g. } 9957247$

$k: ab = a: kb$ $b: ak$
 $\begin{array}{r} 2. 4082400. \\ 9. 9937247. \\ \hline 12. 4019647 \\ 9. 1998793. \\ \hline 3. 2020854 \end{array}$
 $kb = 1593.$

Δ
 $a = 95. 21. 0.$
 $b = 40. 28. 0. \quad 9. 9742570$
 $L = 14. 11. 0. \quad 9. 9742570$
 $a = 95. 21. 0. \quad 9. 9892111$
 $\text{Comp.} = 84. 39. 0. \quad 9. 9981040.$

Δ
 $a = 148. 58. 0.$
 $b = 15. 56. 0. \quad 9. 4085719$
 $L = 148. 58. 0.$
 $\text{Comp.} = 21. 2. 0. \quad 9. 7120495.$
 $H = 15. 6. 0. \quad 9. 4158152.$

Ad Boreu

Δ
 $a = 70. 17. 0. \quad 9. 9812471.$
 $b = 98. 24. 0.$
 $L = 8. 9. 0. \quad 9. 1515694.$
 $b = 98. 24. 0. \quad 9.$
 $\text{Comp.} = 81. 26. 0. \quad 9. 9951274.$

Δ
 $a = 101. 17. 0.$
 $\text{Comp.} = 78. 47. 0. \quad 9. 9916241.$
 $a = 71. 59. 0. \quad 9. 9781659.$
 $a = 6. 48. 0. \quad 9. 0733663.$

Δ
 $b = 99. 50. 0.$
 $a = 74. 10. 0. \quad 9. 9852803.$
 $m = 5. 0. 0. \quad 8. 9402960.$
 $b = 99. 50. 0.$
 $\text{Comp.} = 80. 10. 0. \quad 9. 9957723.$

ks.

Δ
 $a = 80. 51. 0. \quad 9. 9974973.$
 $b = 94. 25. 0.$
 $K = 1. 2420. \quad 8. 4267999.$
 $b = 94. 25. 0.$
 $\text{Comp.} = 85. 25. 0. \quad 9. 9986090.$

$L: ab = a: lb: b: al.$

$2. 4082400.$
 $9. 9981040.$
 $12. 4063440$
 $9. 9892111$
 $2. 0171329$
 $lb = 1040.$

$2. 4082400$
 $9. 9742570$
 $12. 3824970$
 $9. 9892111$
 $2. 9932869$
 $al = 985.$

$H: ab = a: Hb: b: aH.$

$2. 4082400.$
 $9. 7120495.$
 $12. 1202895$
 $9. 4158152$
 $2. 7044743$
 $Hb = 507.$

$2. 4082400.$
 $9. 4385719$
 $12. 8468119$
 $9. 4158152.$
 $2. 4009967$
 $aH = 270.$

$L: ab = a: lb: b: al.$

$2. 2108672$
 $9. 9812471$
 $12. 2951143$
 $9. 1515694.$
 $2. 1435449$

$2. 2108672$
 $9. 9951274$
 $12. 3089946$
 $9. 1515694.$
 $2. 1574252$

$lb = 1092.$

$al = 1437.$

$a: ab = a: ab = b: aa.$

$2. 2108672.$
 $9. 9781659.$
 $12. 2920325$
 $9. 0733663.$
 $2. 2186662$

$2. 2108672.$
 $9. 9916241.$
 $12. 3054913$
 $9. 0733663.$
 $2. 2321250$

$ba = 1635.$

$aa = 1707.$

$m: ab = a: mb: b: am.$

$2. 2108672.$
 $9. 9852803.$
 $12. 2991475$
 $8. 9402960.$
 $2. 3588515$

$2. 2108672.$
 $9. 9957723.$
 $12. 3074395$
 $8. 9402960.$
 $2. 3671435$

$mb = 2285.$

$am = 2229.$

$K: ab = a: Kb: b: aK.$

$2. 2108672.$
 $9. 9974973.$
 $12. 3113605$
 $8. 4267999.$
 $2. 8745606$

$2. 2108672.$
 $9. 9986090.$
 $12. 3124762$
 $8. 4267999.$
 $2. 8756763$

$bK = 7492.$

$aK = 7511.$