

NOVENA

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NOMÓNICA

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ATLAS



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Tratado
de
Gnomónica
por

ANTONIO ROYRA Y RABASSA

Arquitectura: catedrático de las:
Asignaturas de: Sombras: Pers-
pectiva: Geometría: y: Estere-
ometría: en: la: Escuela: Superior:
de: Arquitectura: de: Barcelona:.

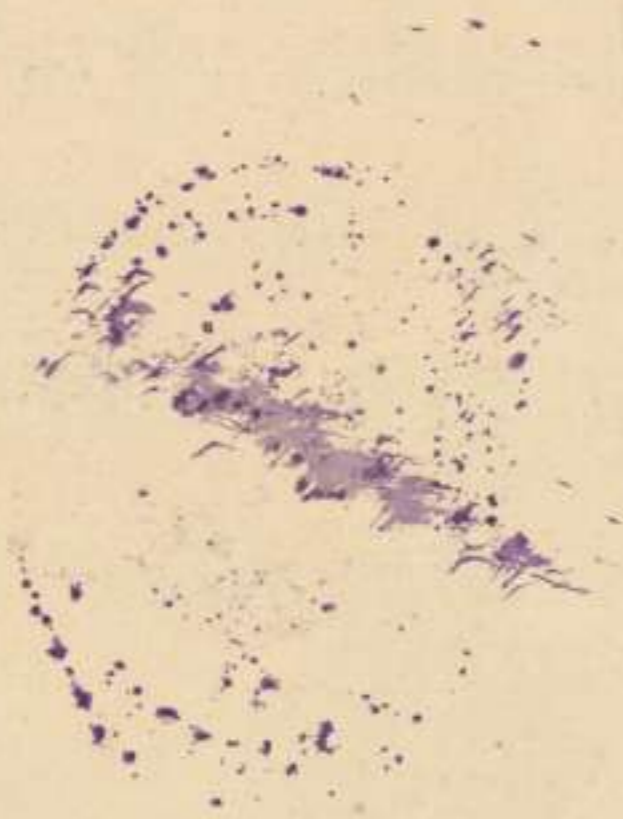


LAMINAS

A. Royra Rabassa

1896

R. 737





BARCELONA

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CALLE DE FERNANDO VII, NÚM. 33.

1896

TRATADO
DE
GNOMÓNICA





Gratado

de

Gnomónica

por

ANTONIO ROVIRA Y RABASSA

Arquitectura : catédrica : de : las :
asignaturas : de : Sombras : Pers-
pectiva : Gnomónica : y : Estereu-
ometría : en : la : Escuela : Superior :
de : Arquitectura : de : Barcelona :

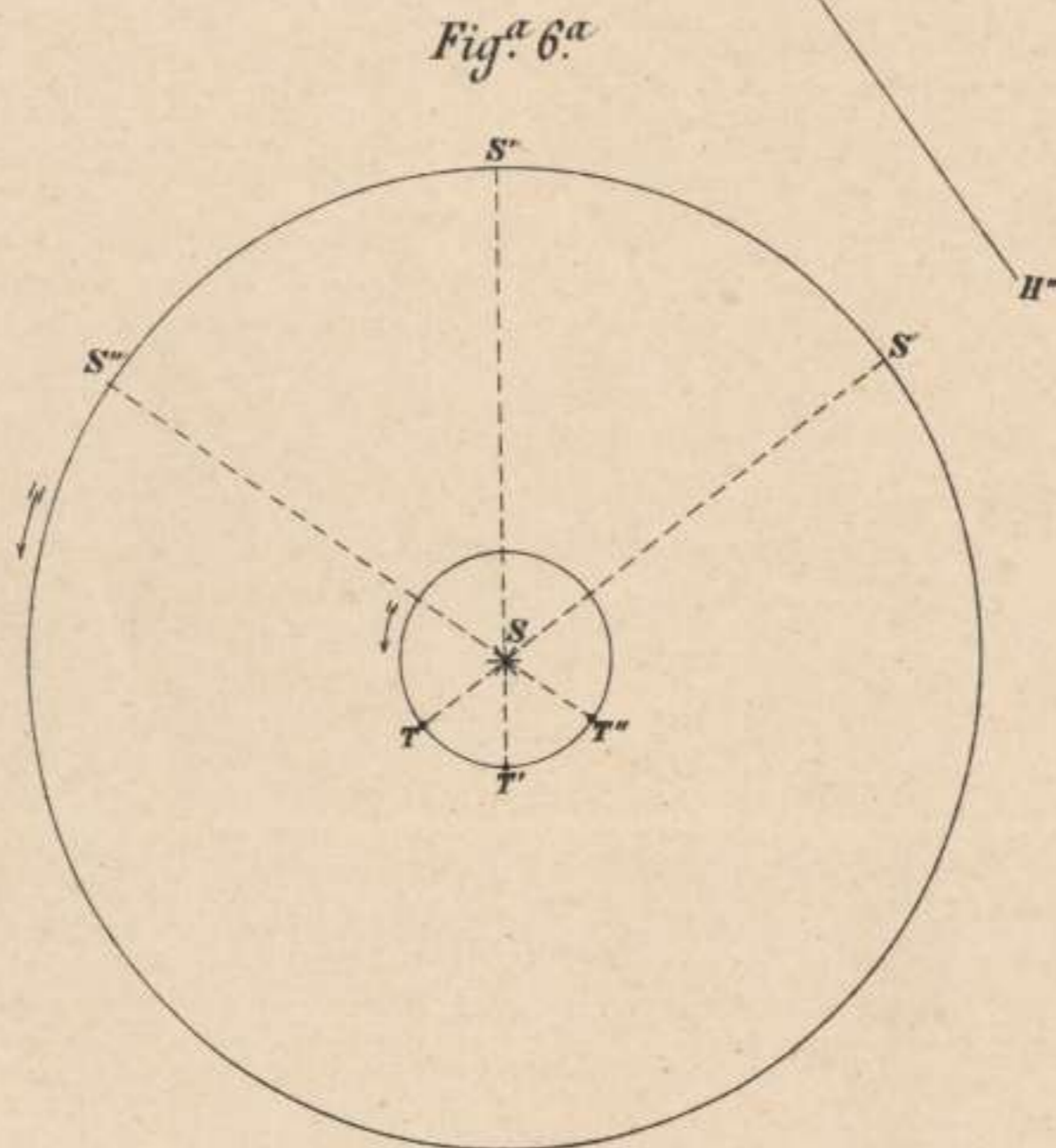
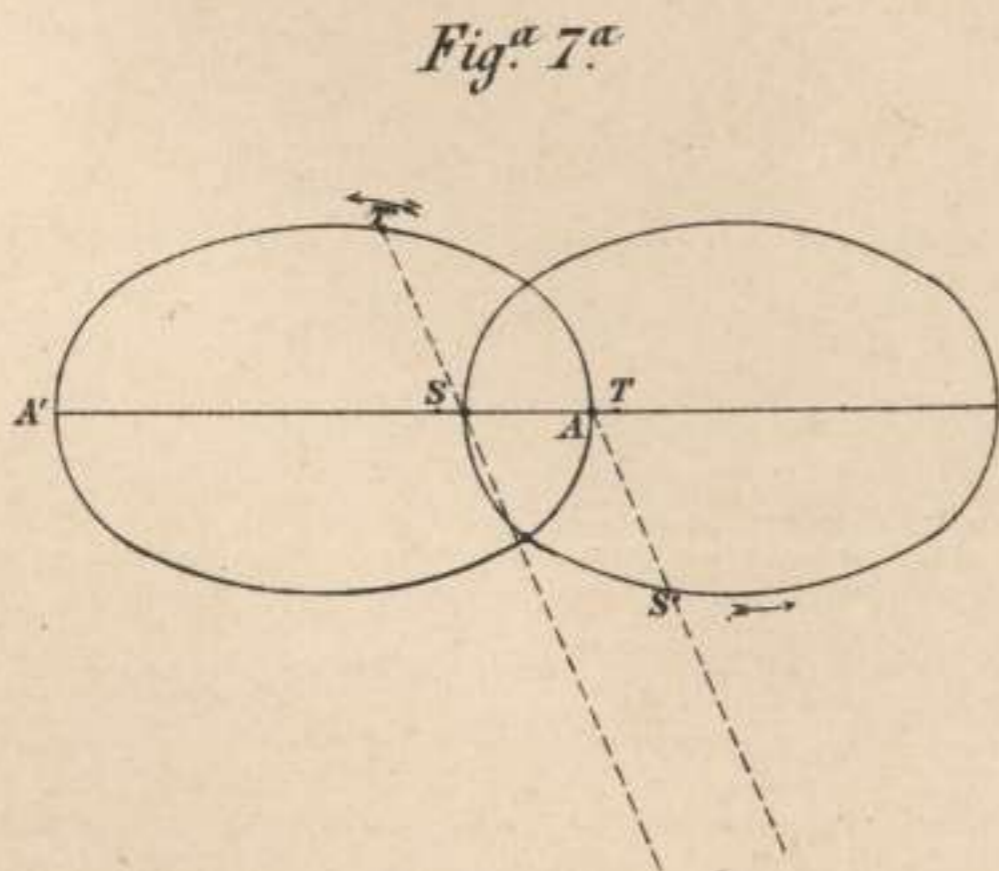
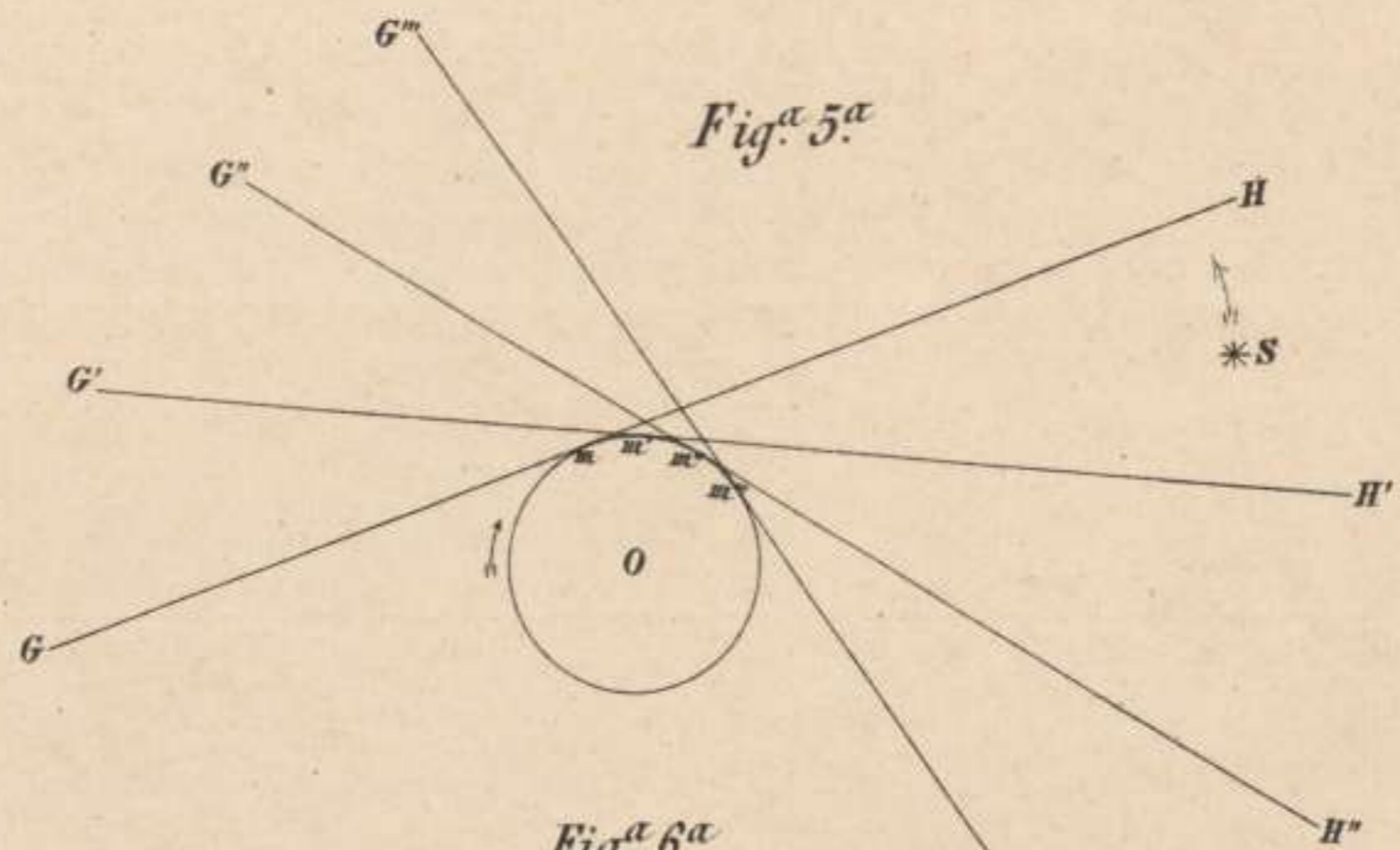
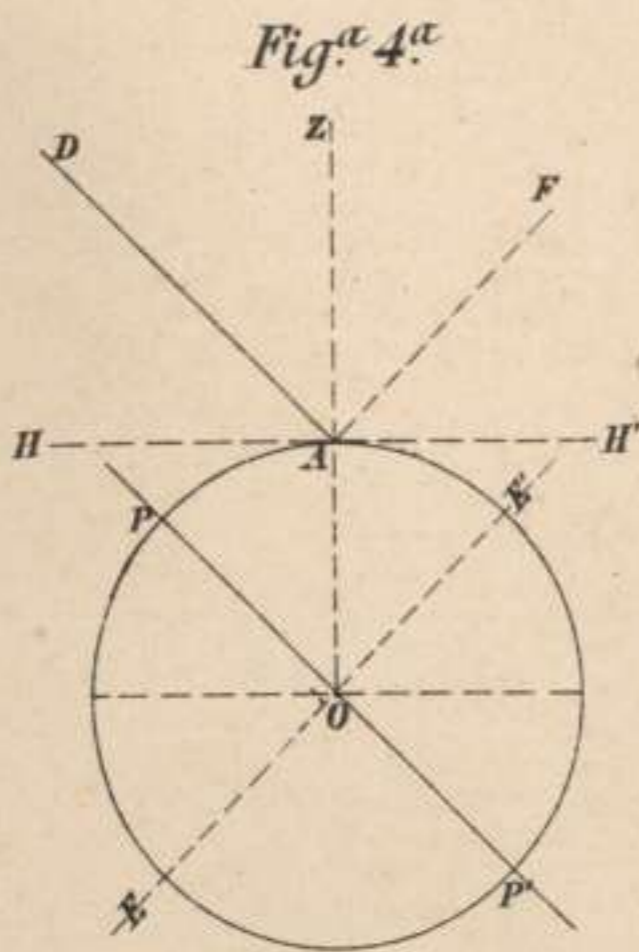
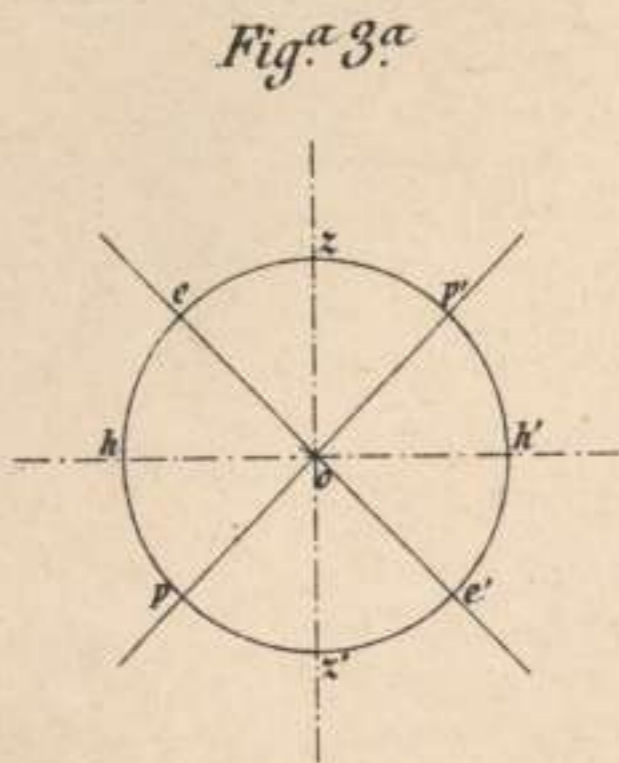
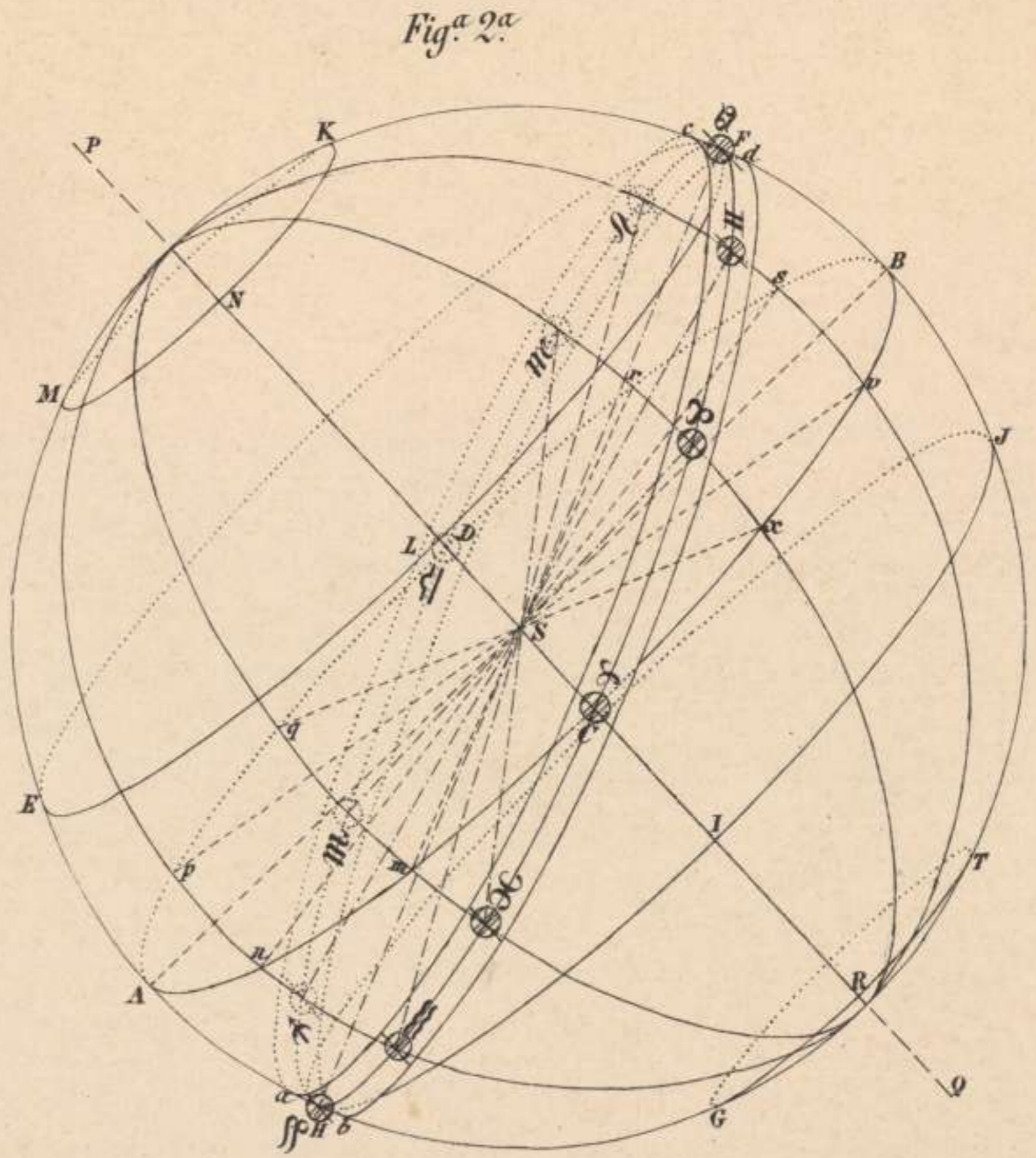
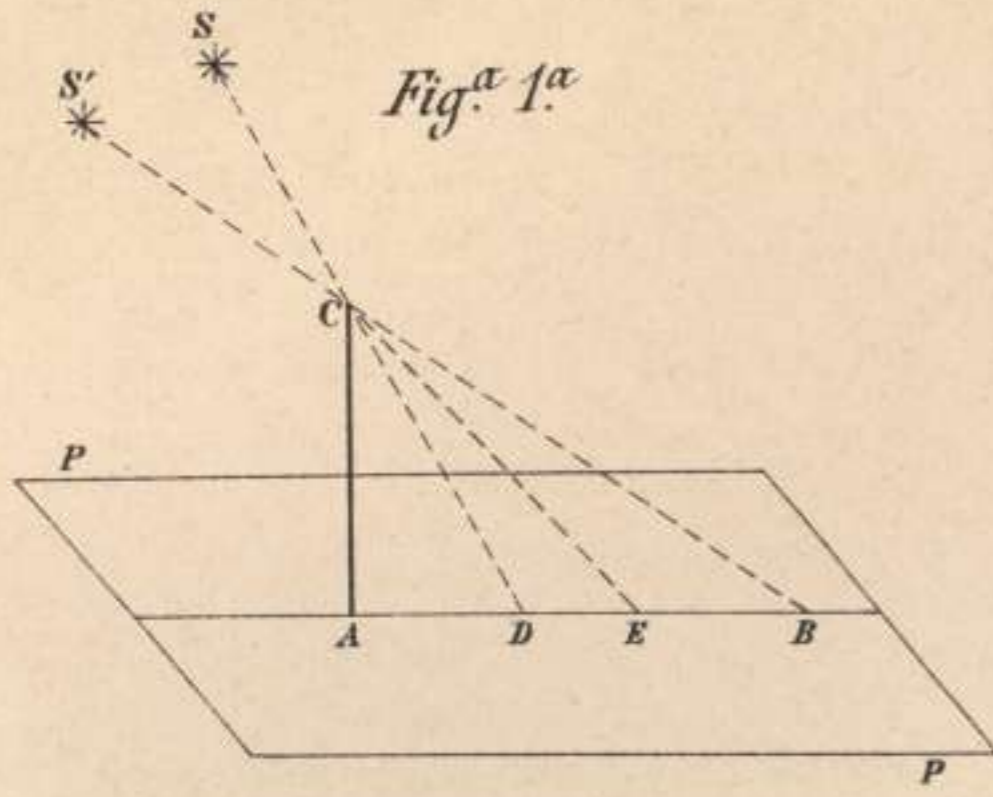


LÁMINAS

A. Rovira Rabassa

1896





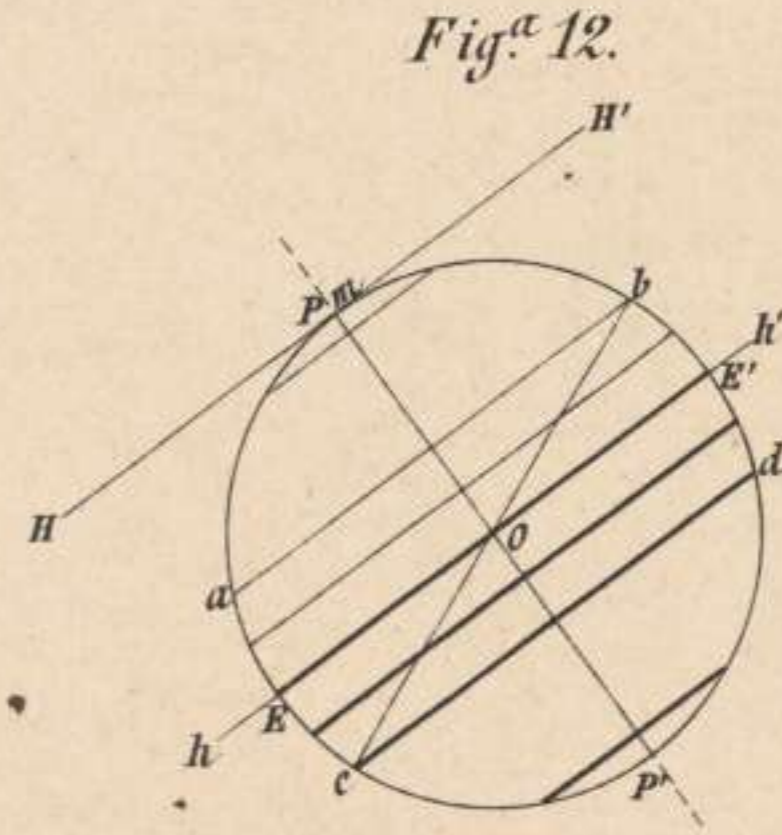
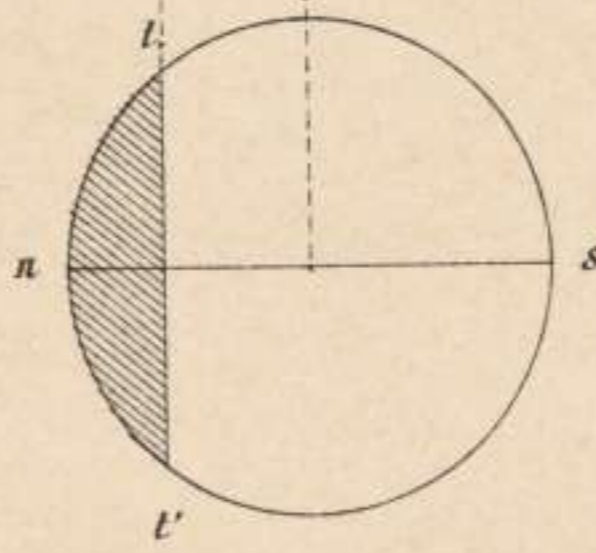
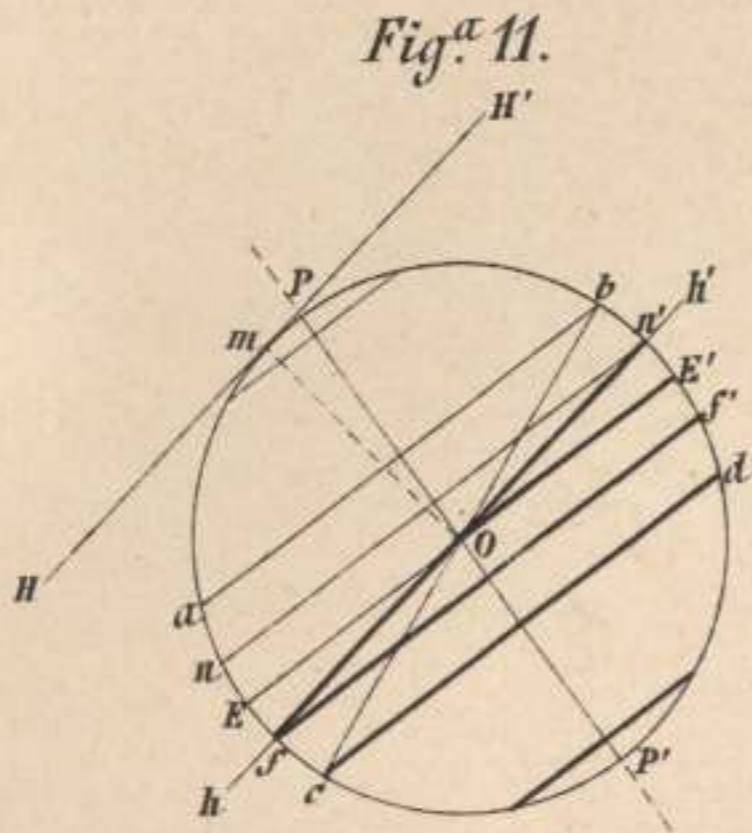
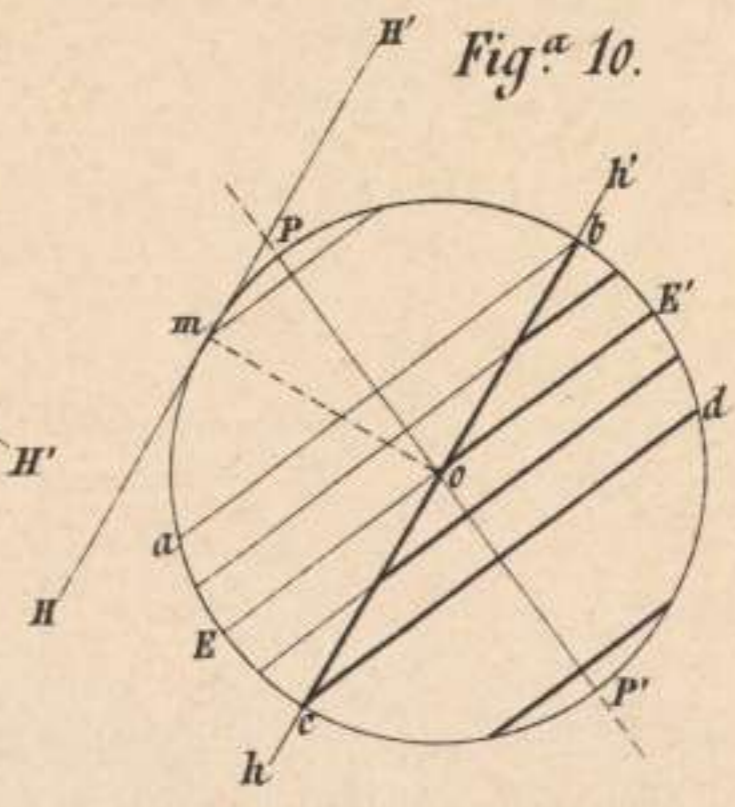
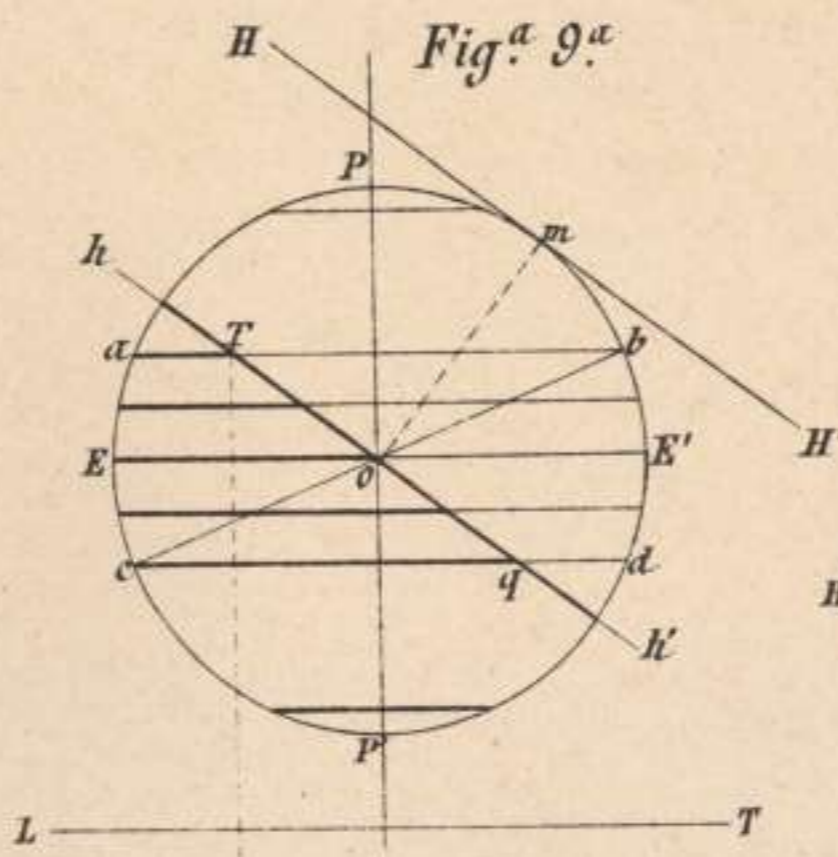
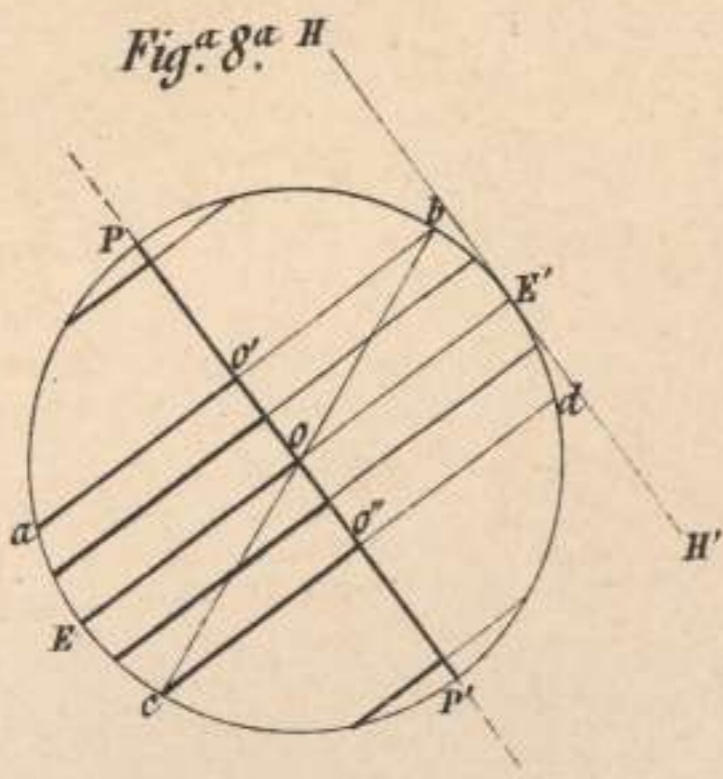


Fig.^a 13.

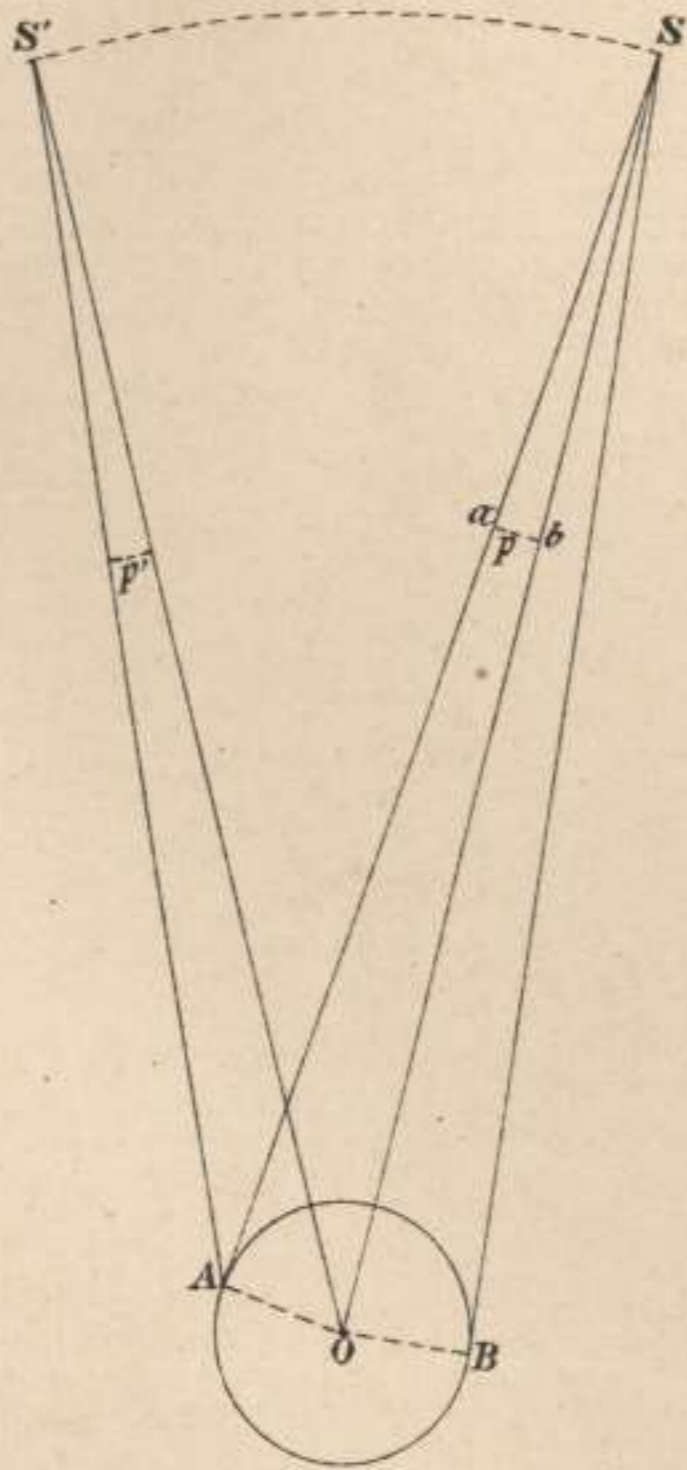


Fig.^a 14.

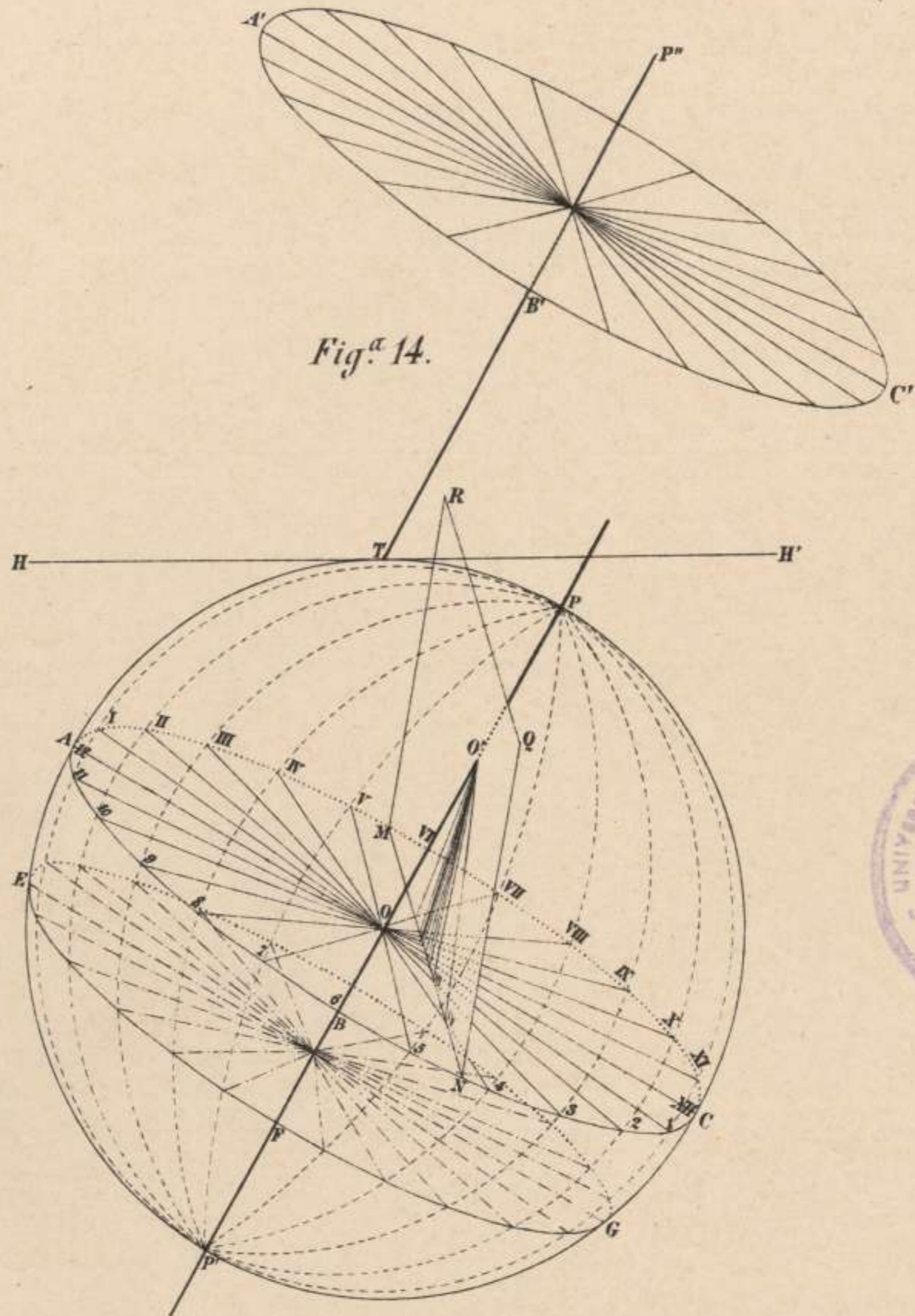


Fig.^a 15.

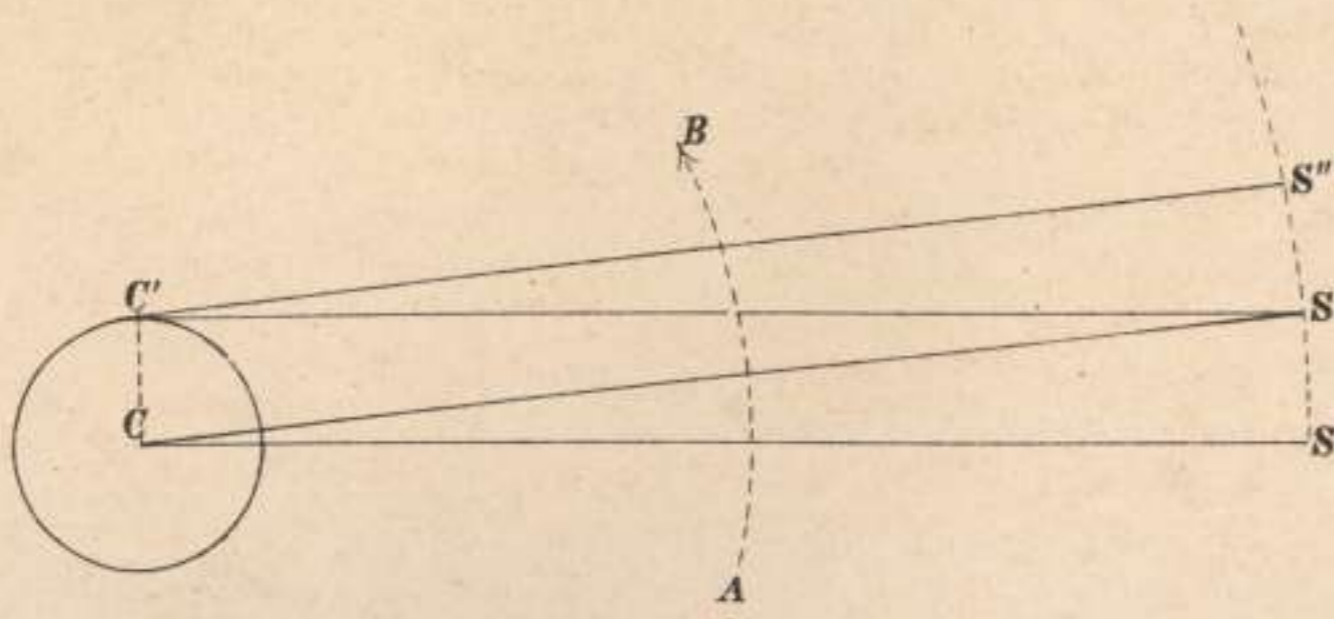


Fig.^a 16.

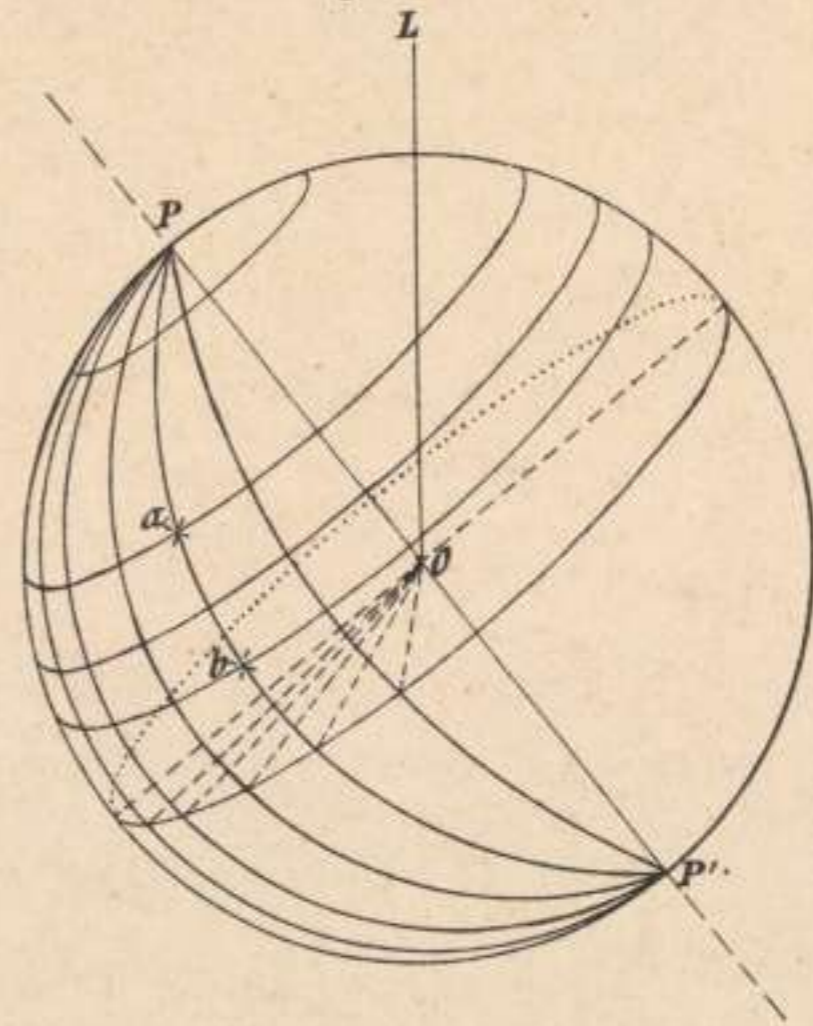


Fig.^a 17.

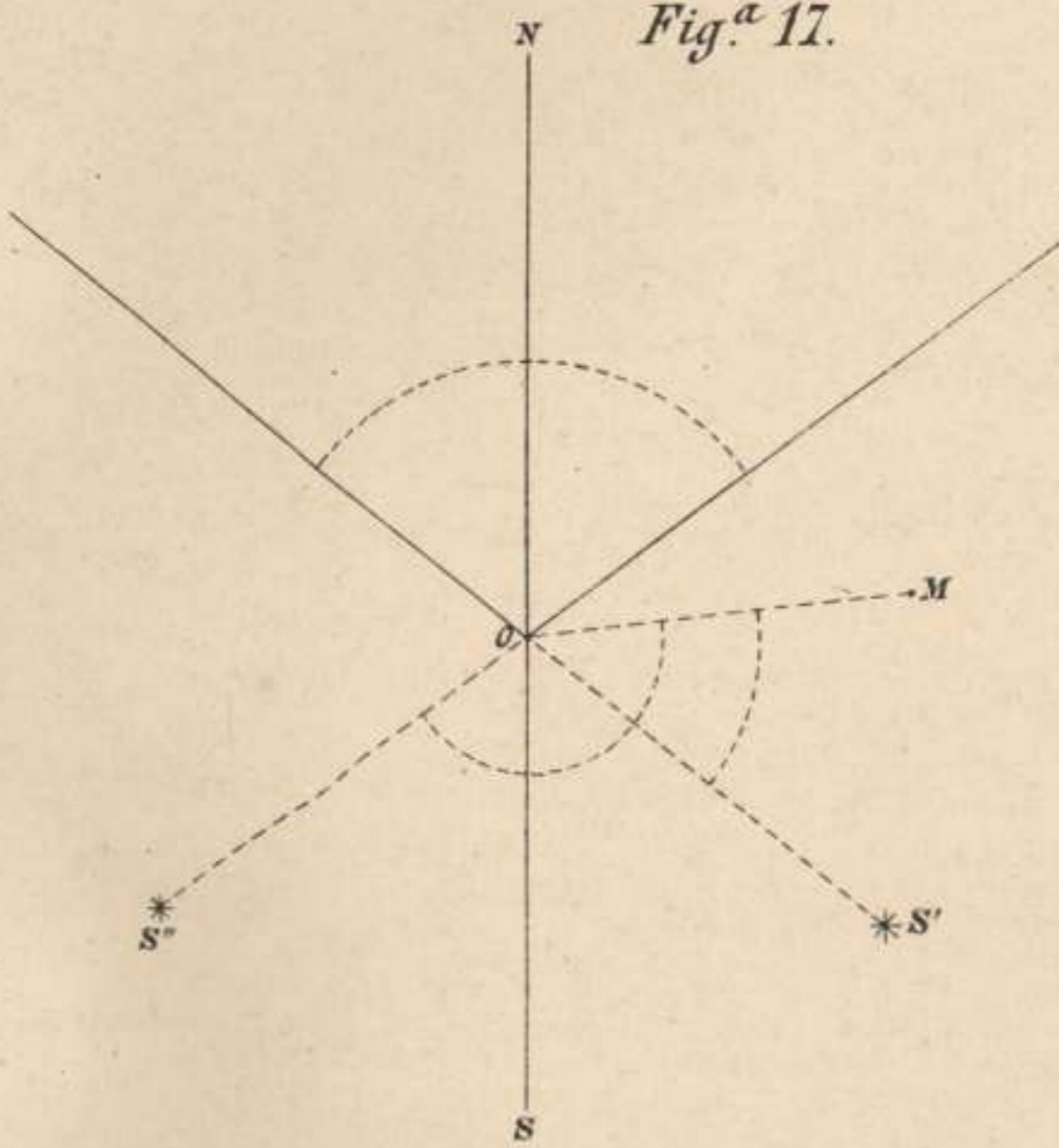


Fig.^a 18.

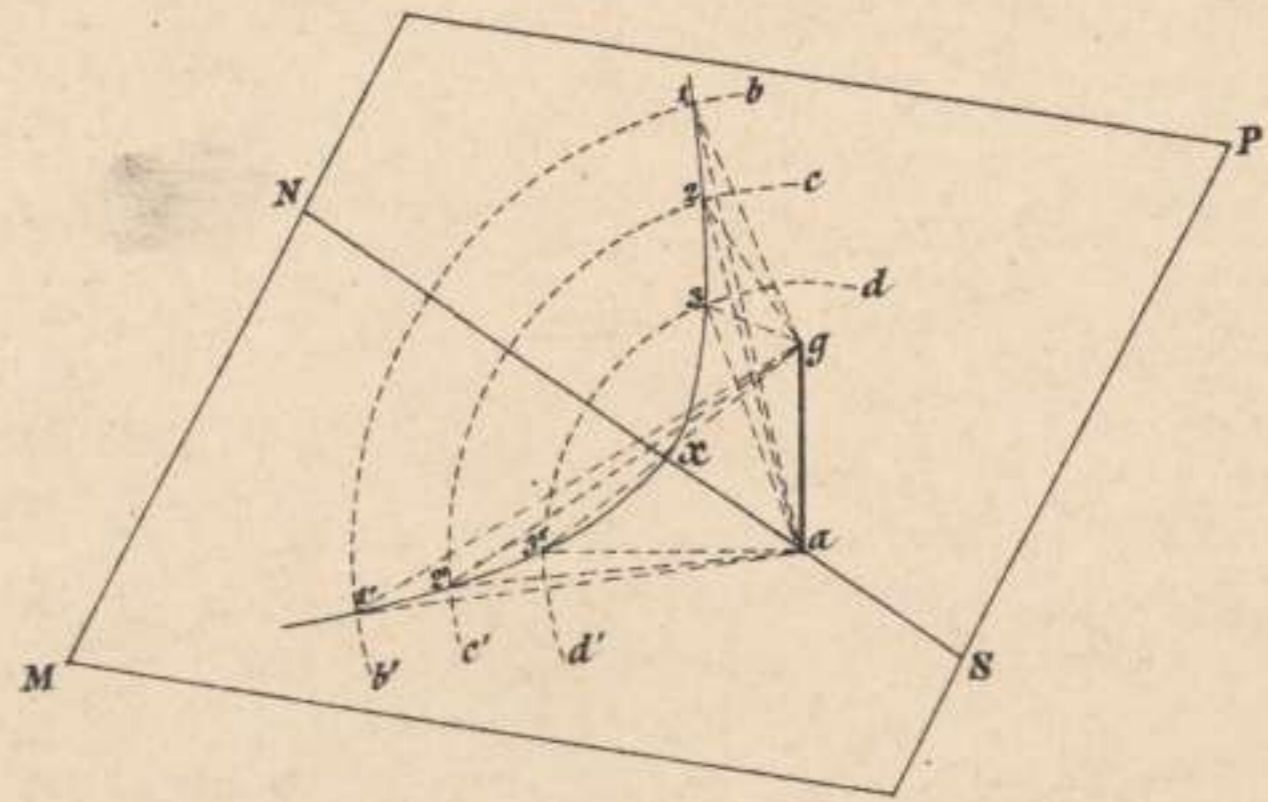


Fig.^a 19.

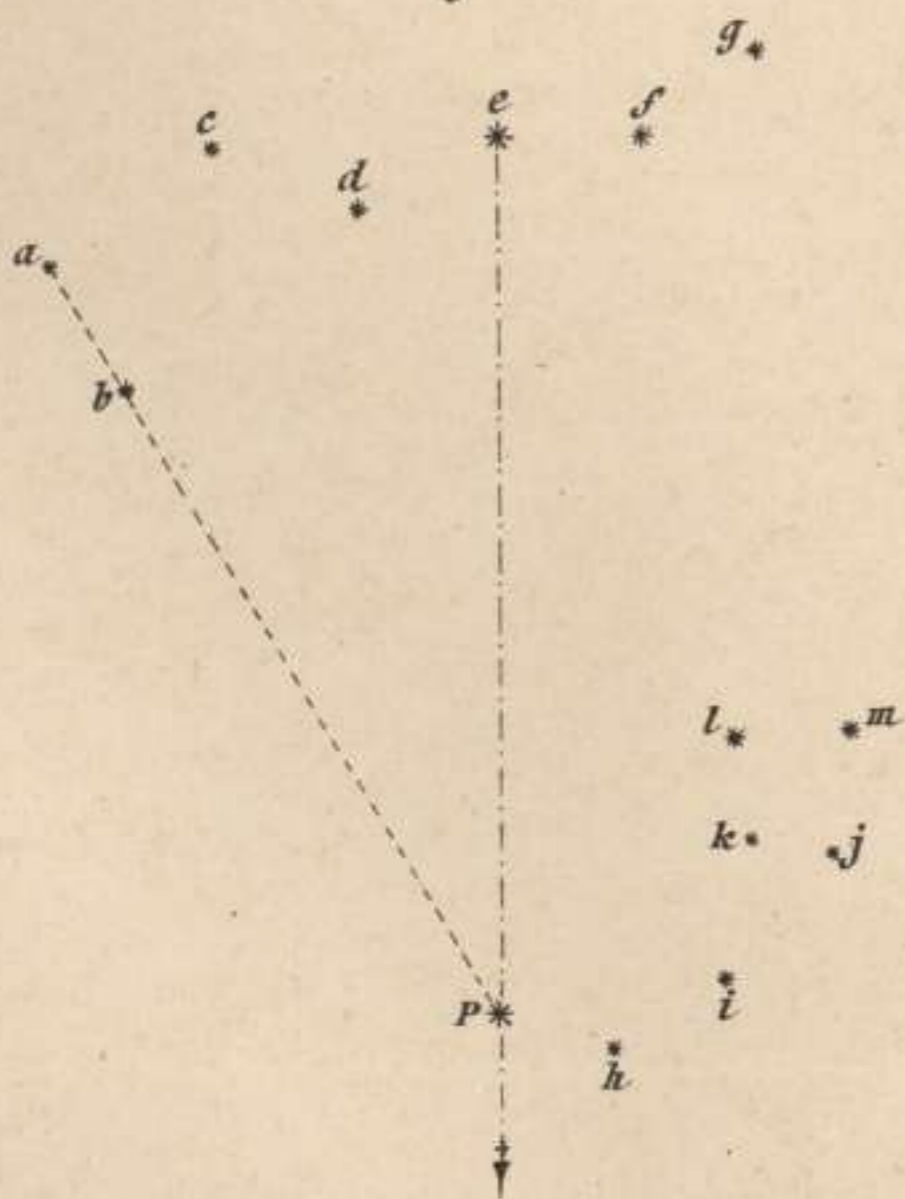


Fig.^a 20.

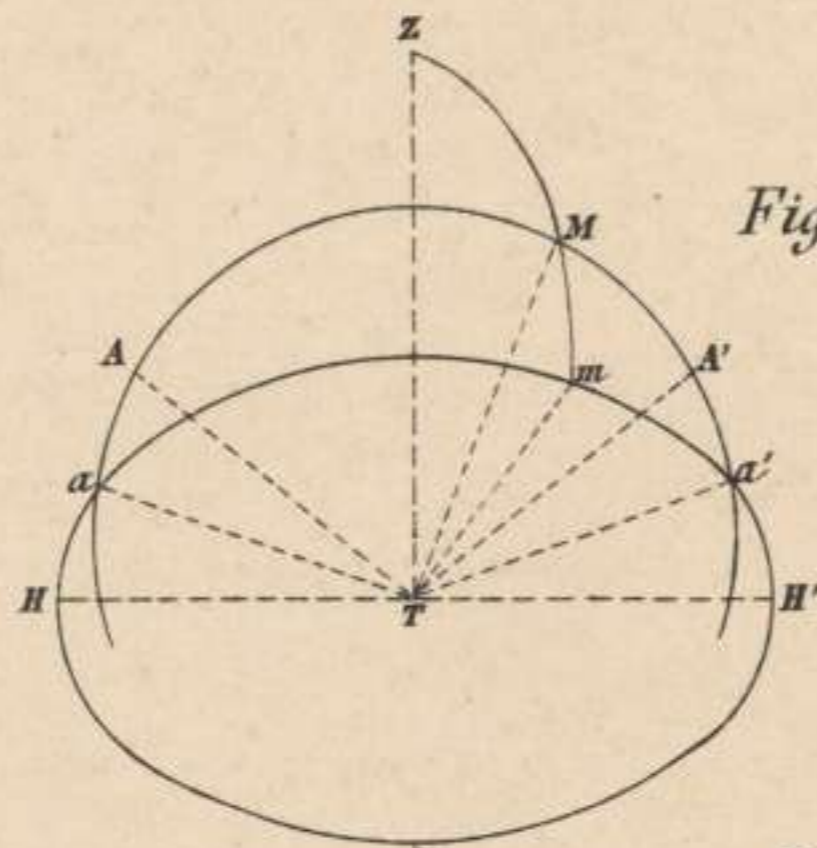
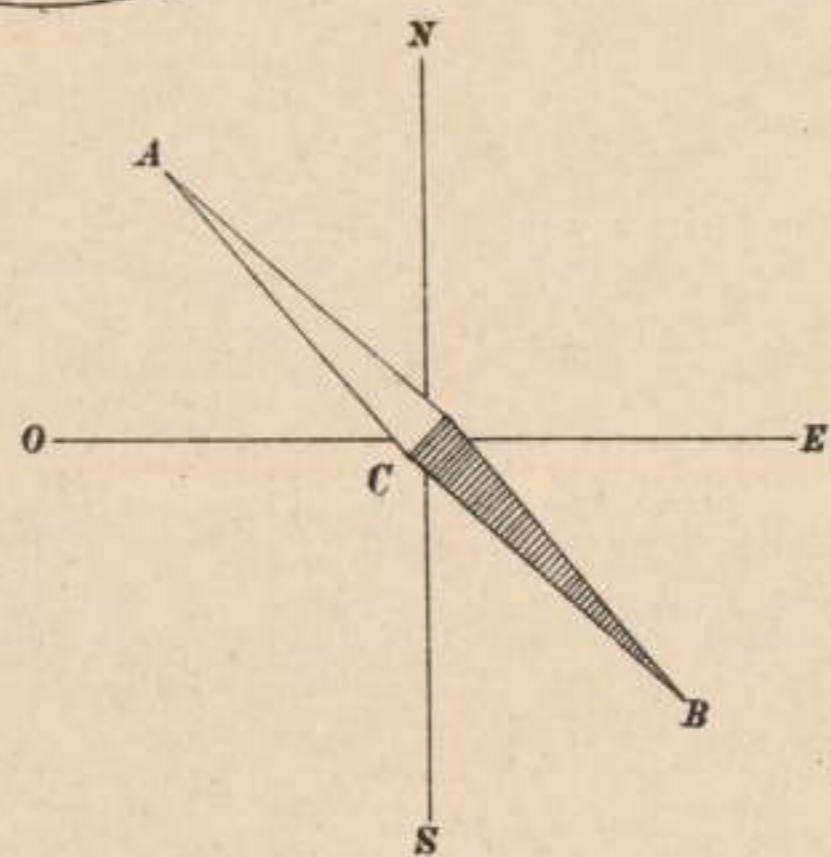


Fig.^a 21.



Reloj ecuatorial.

Fig.^a 23.

Ecuatorial del Norte.

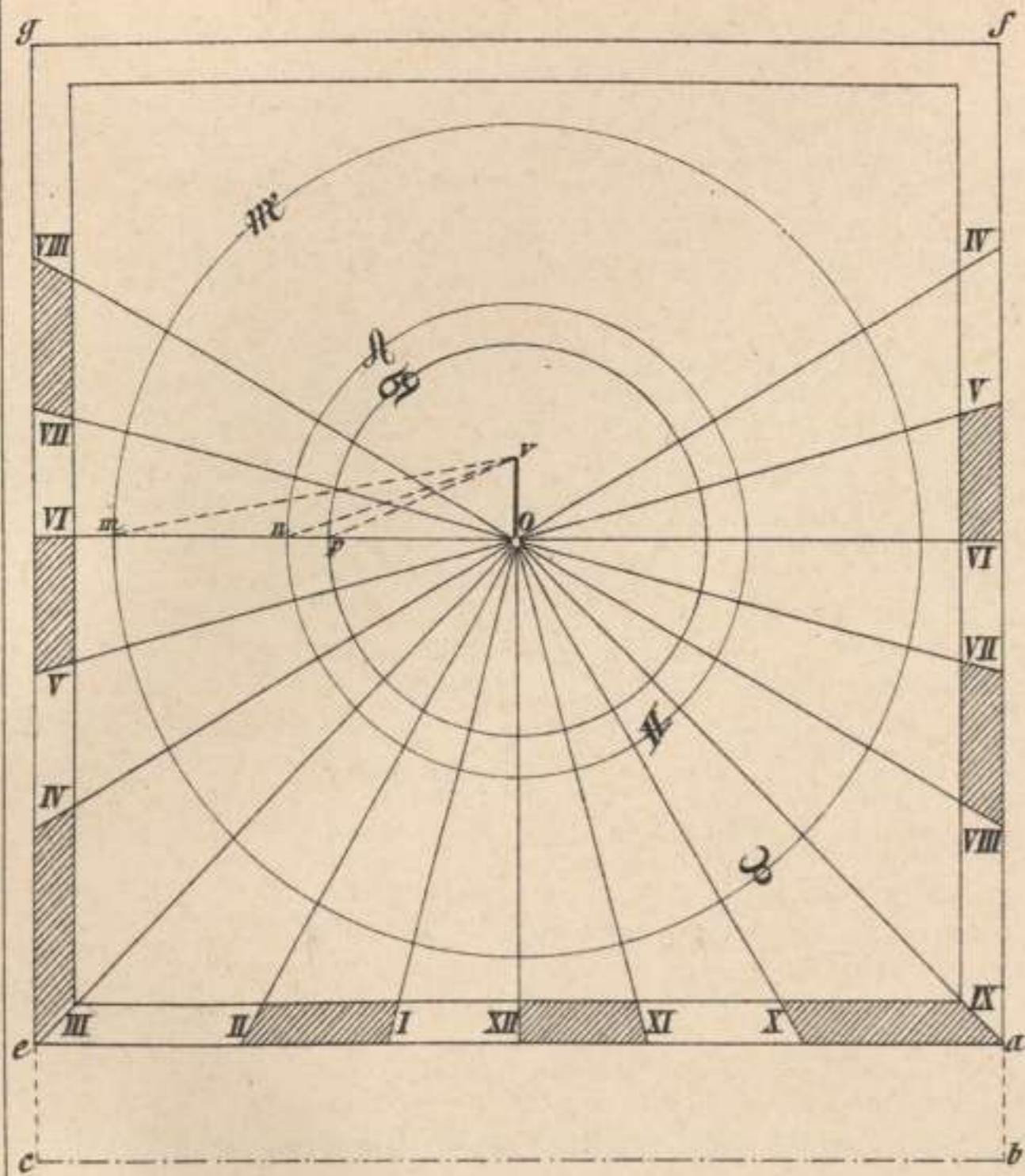


Fig.^a 24.

Ecuatorial del Sur.

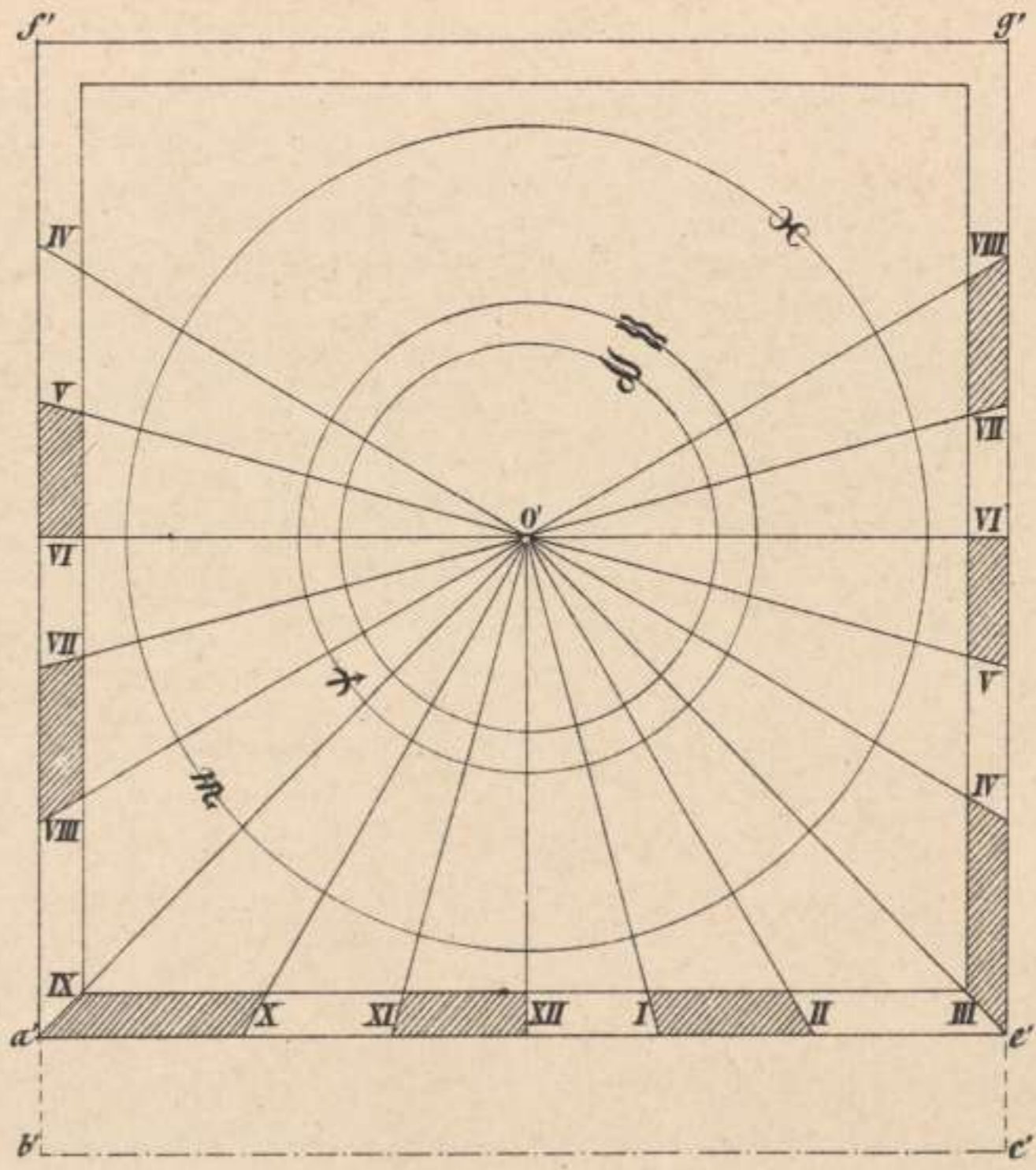


Fig.^a 22.

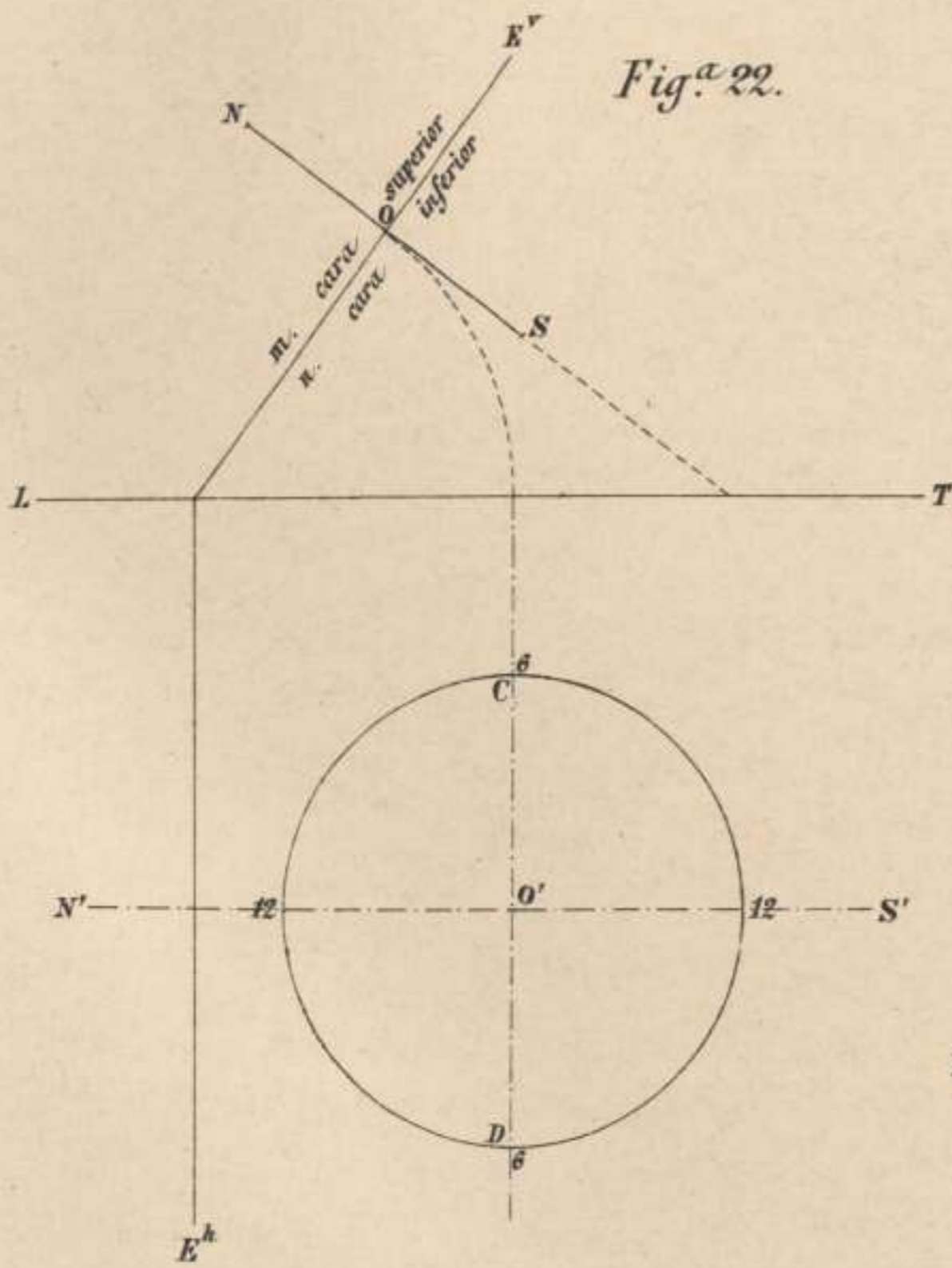


Fig.^a 25.

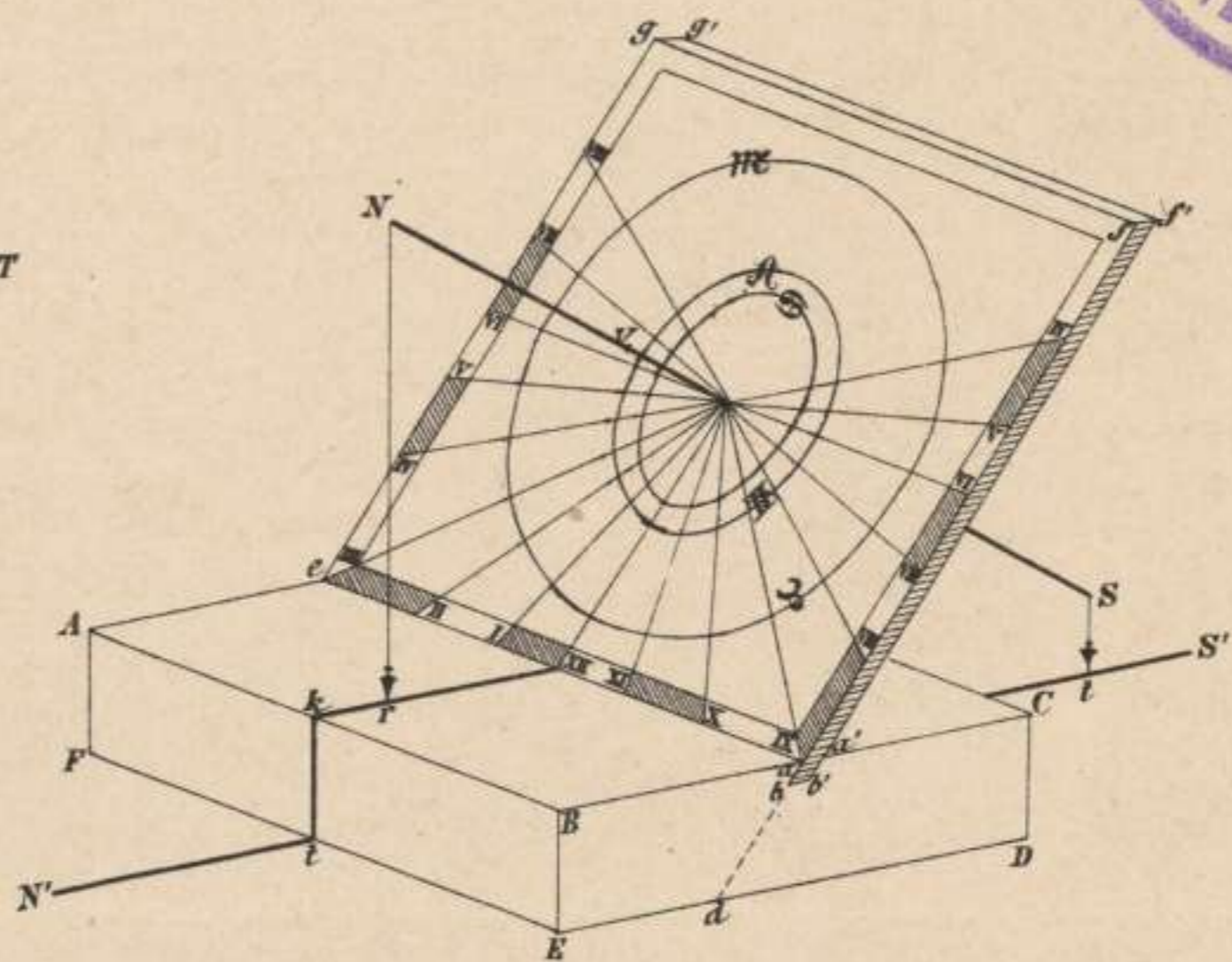


Fig.^a 26.

Reloj horizontal.

Latitud 45°

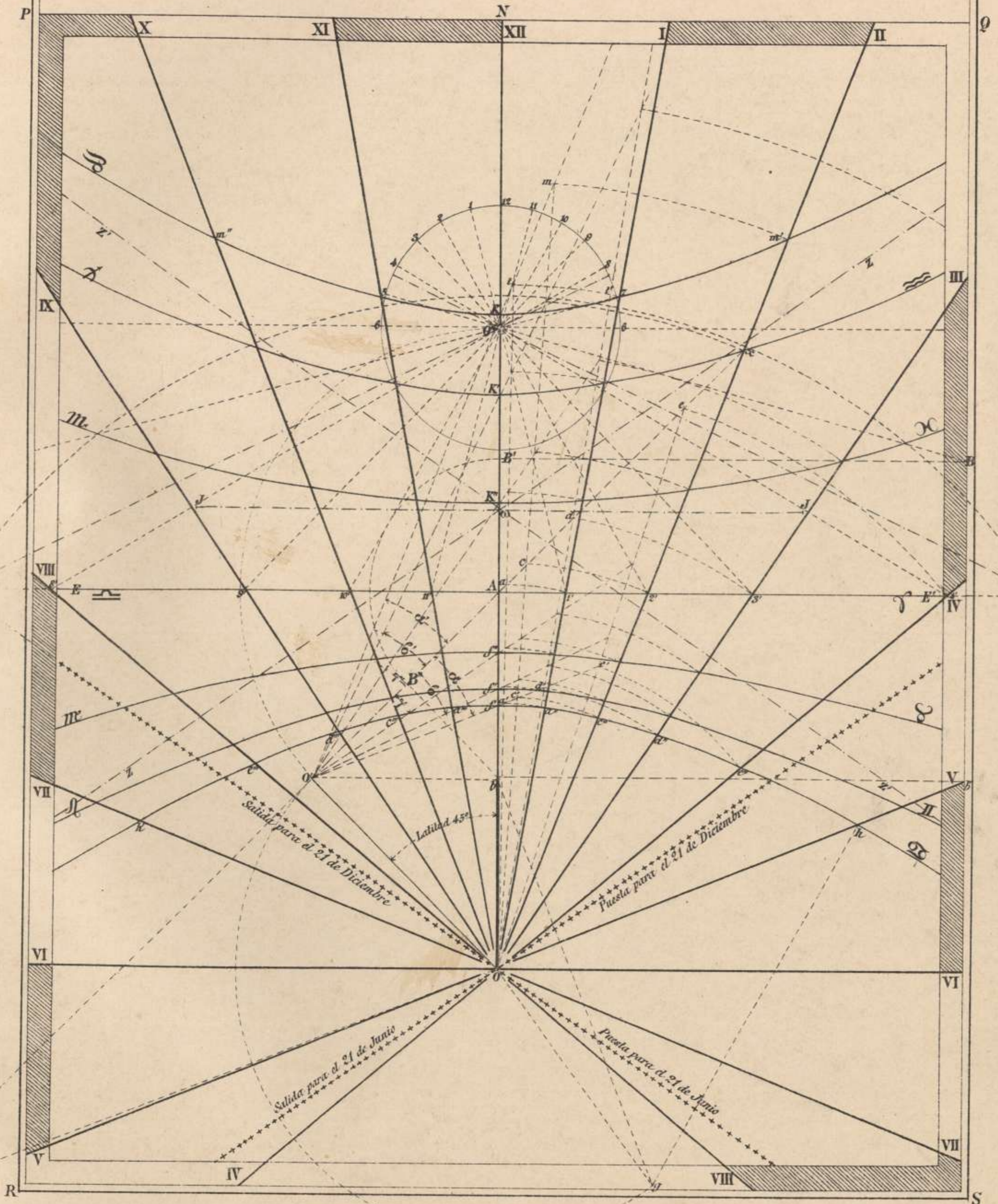


Fig.^a 27.

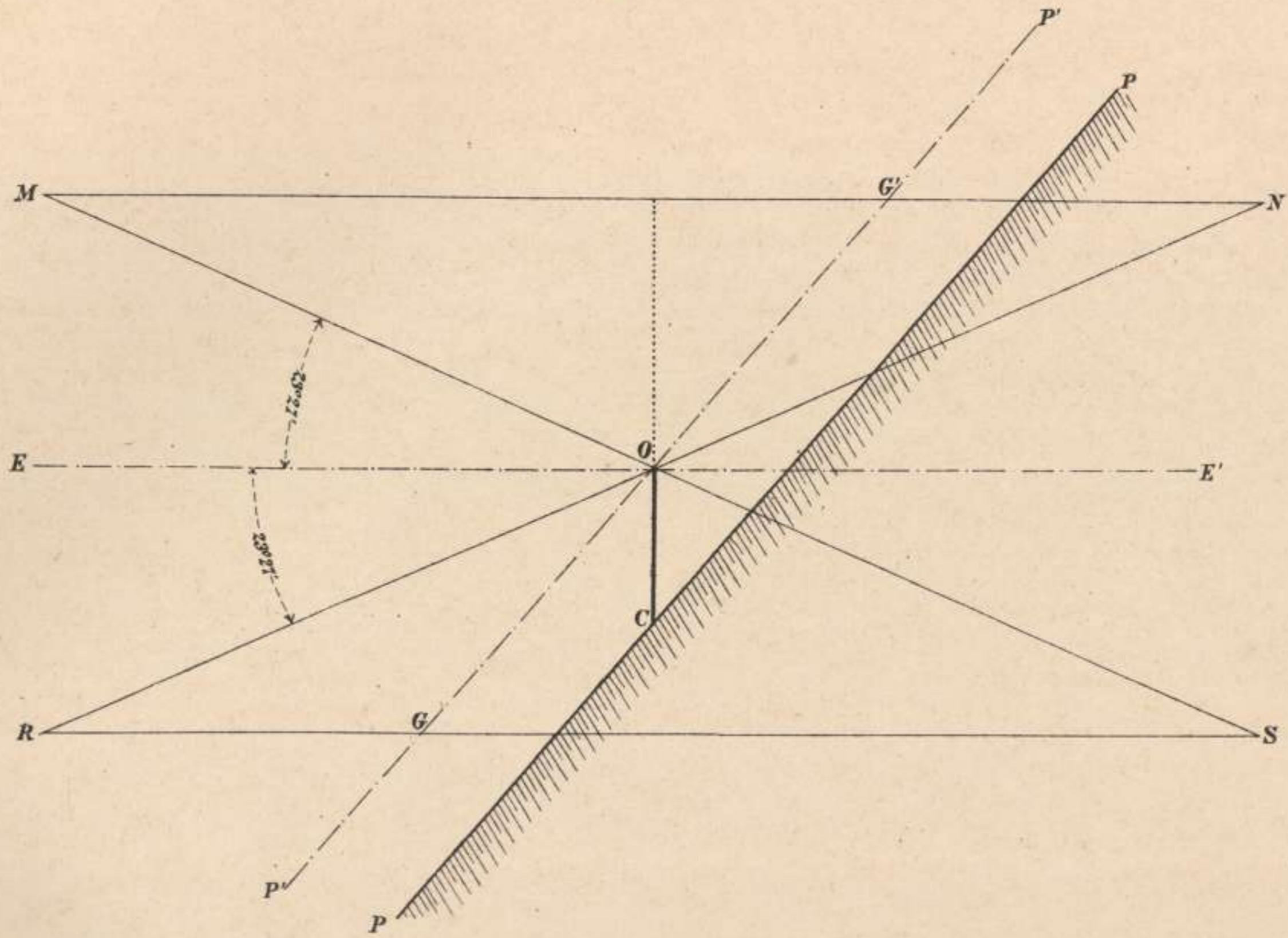


Fig.^a 30.

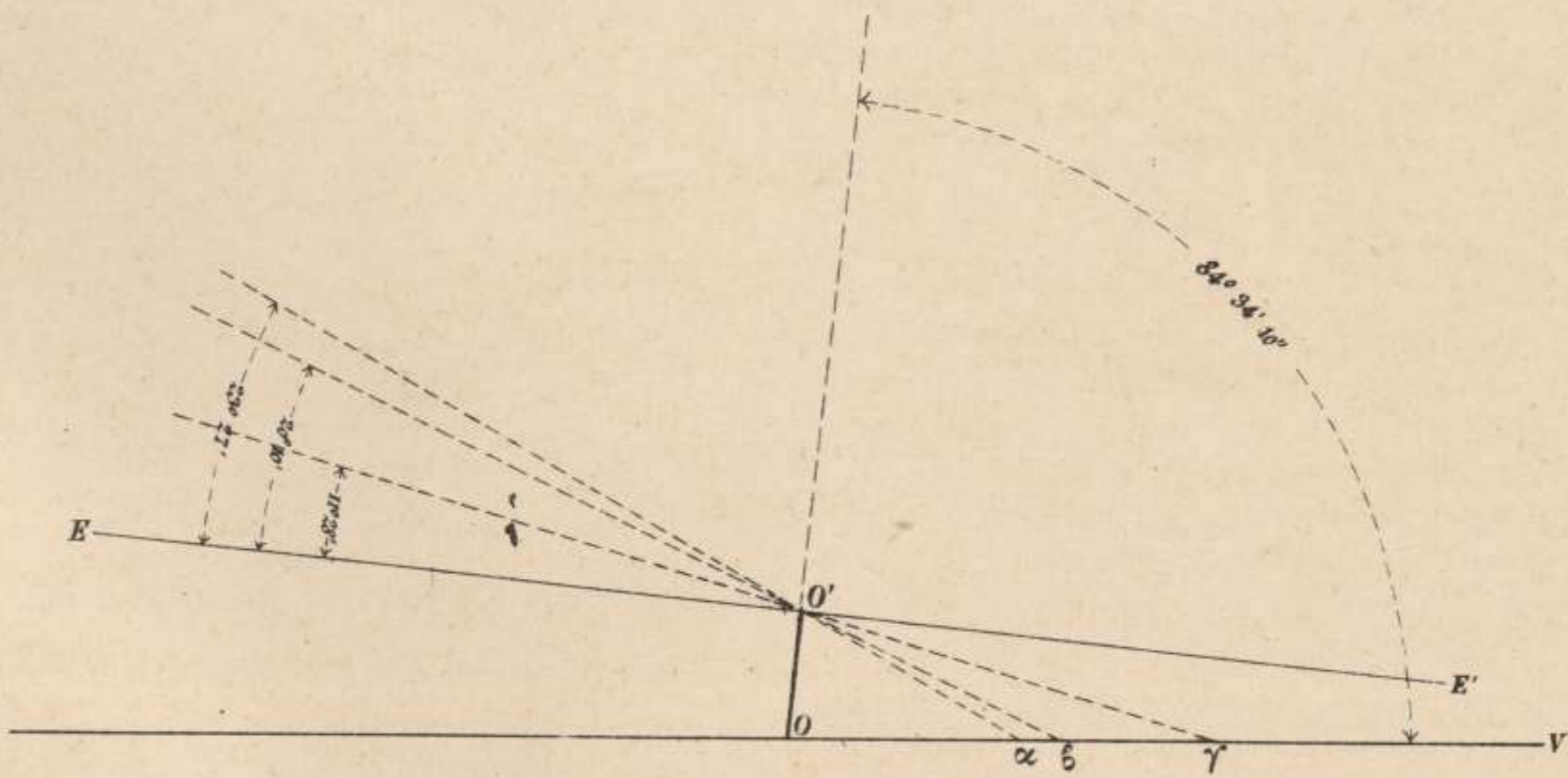


Fig.^a 28.

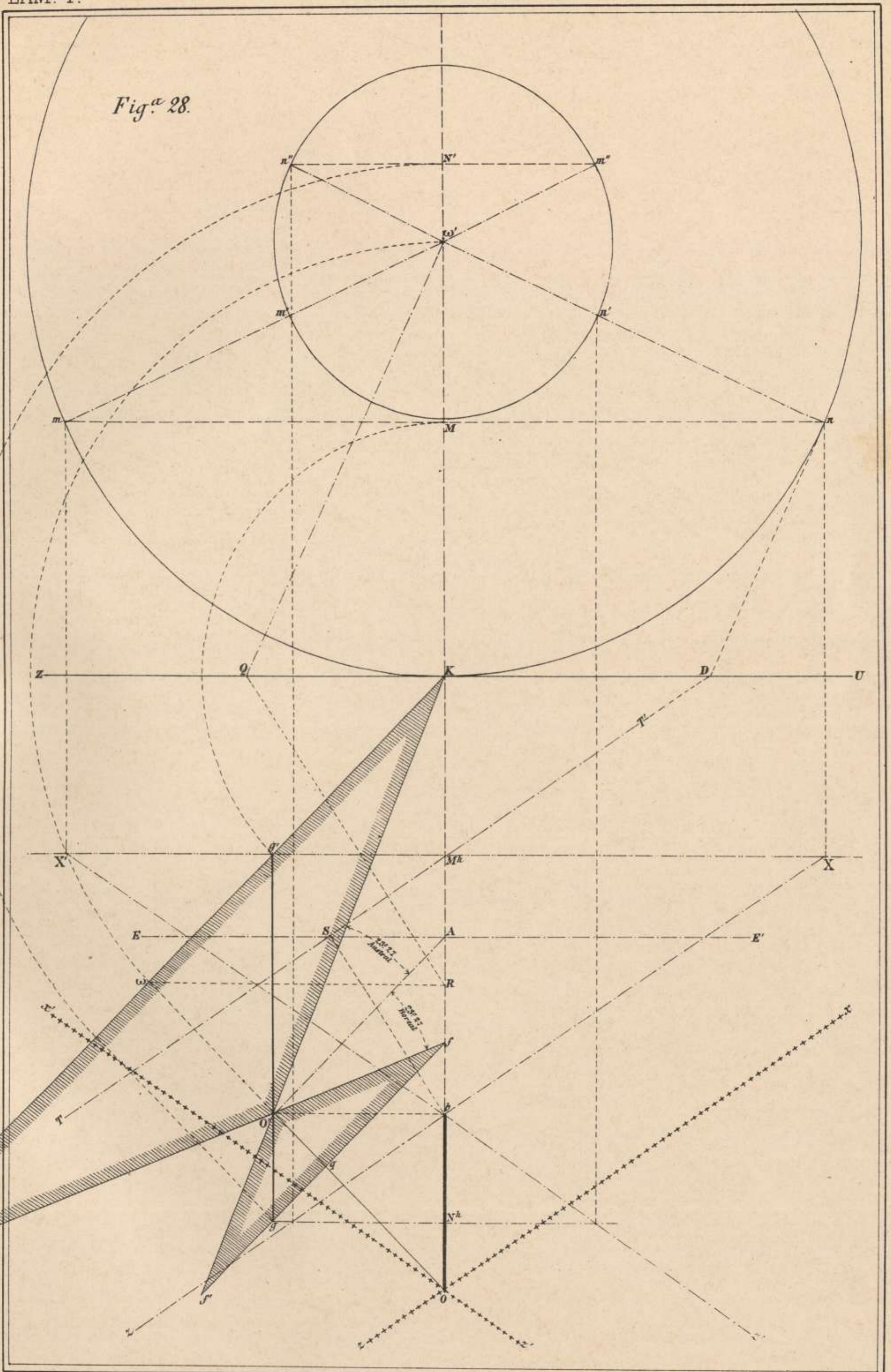
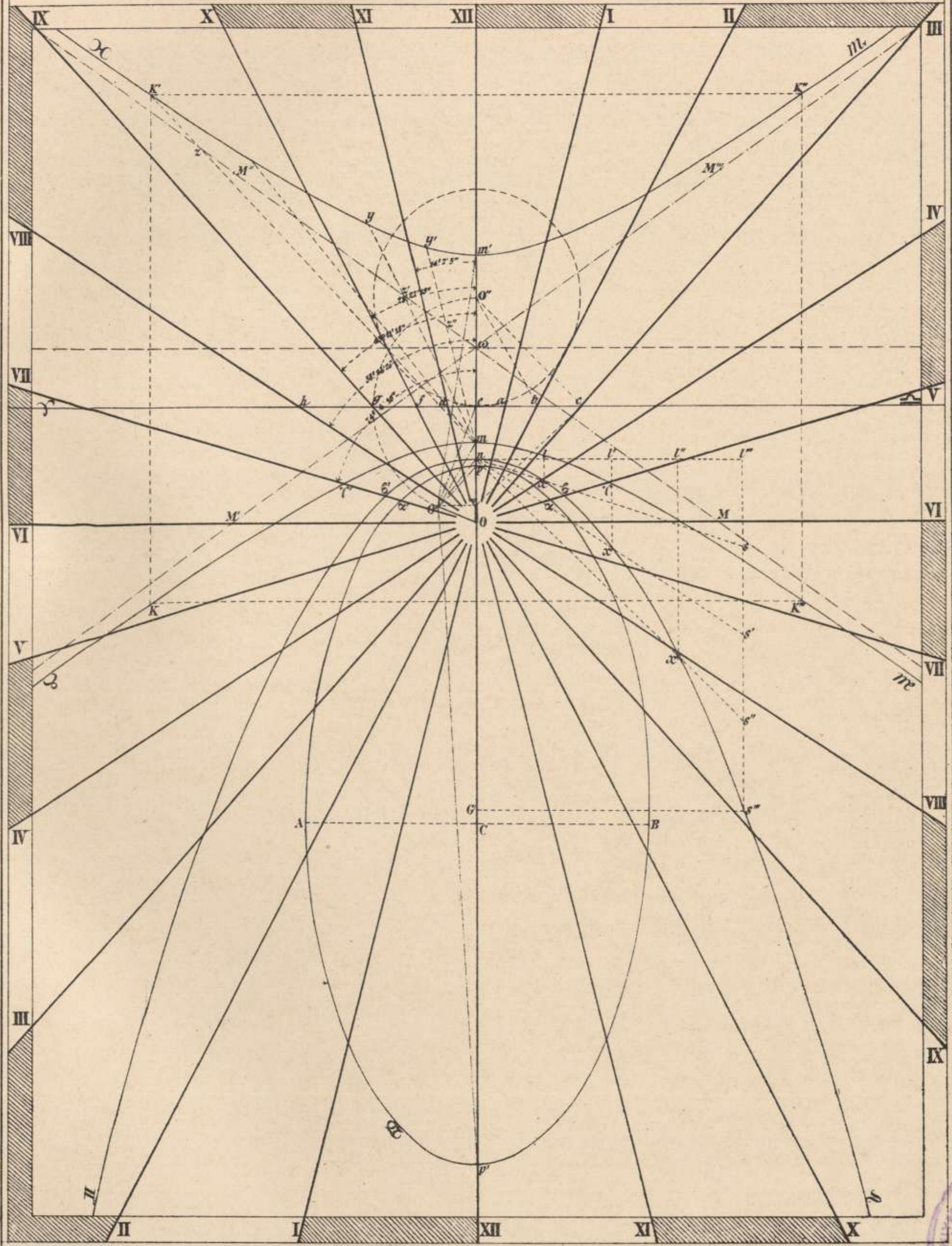


Fig.^a 29.

Reloj horizontal.

Latitud $69^{\circ} 49' 54''$



Senk. B. 1772. p. 100.



Fig.^a 31. La Fig.^a 80, en la Lam.^a 6.^a

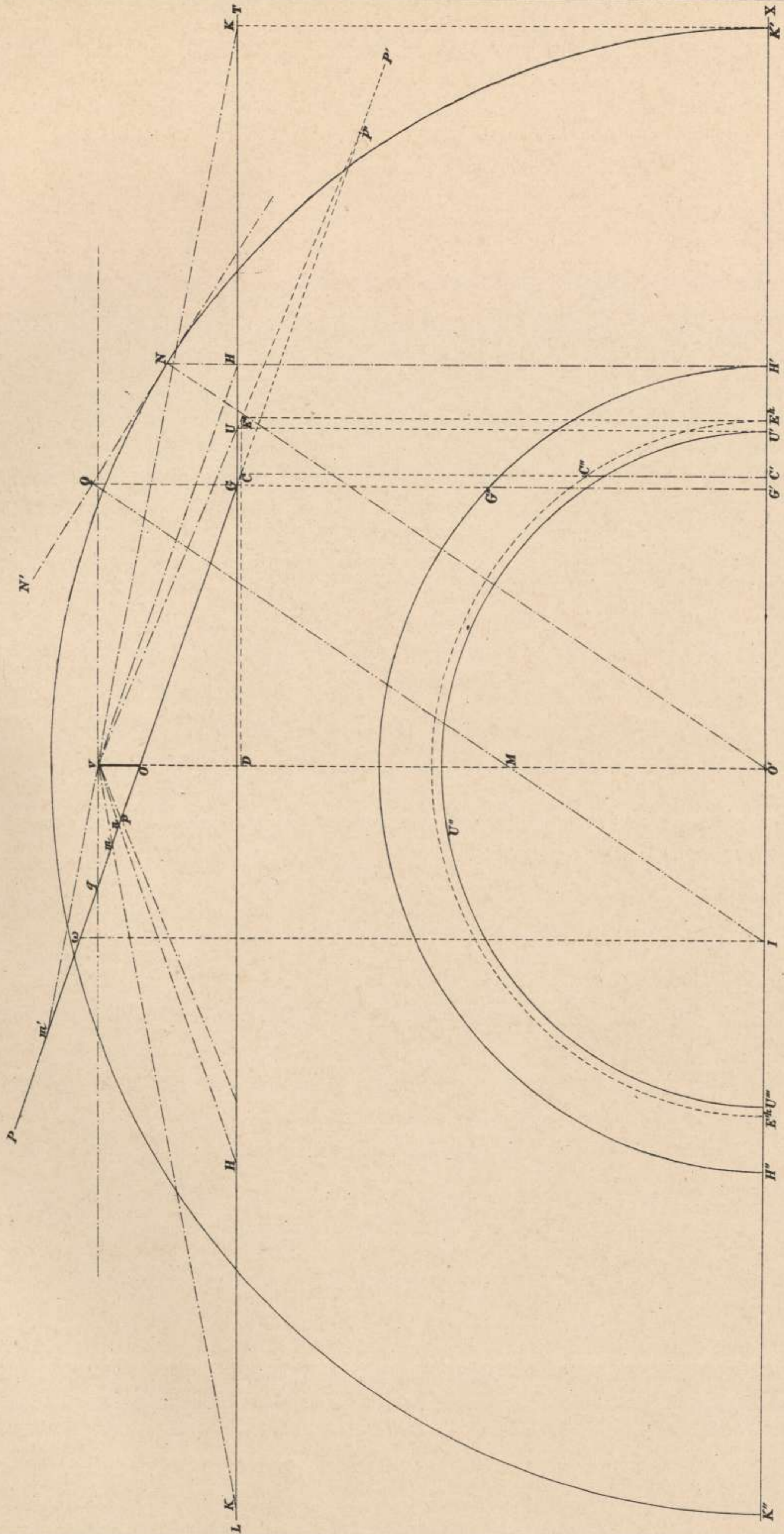


Fig.^a 33.
Reloj vertical Septentrional.
Latitud 48° 30'

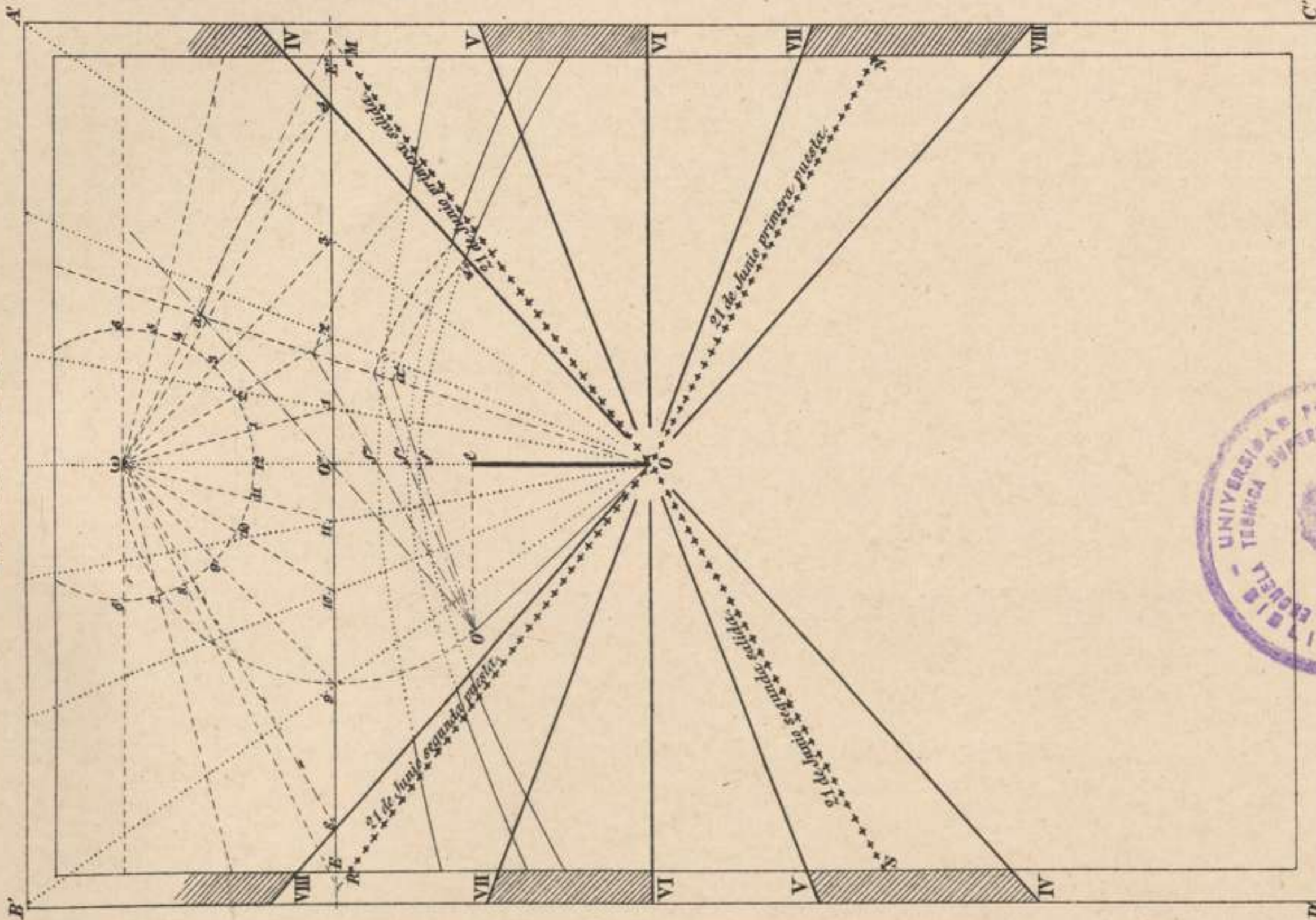


Fig.^a 32.
Reloj vertical Meridional.
Latitud 48° 30'

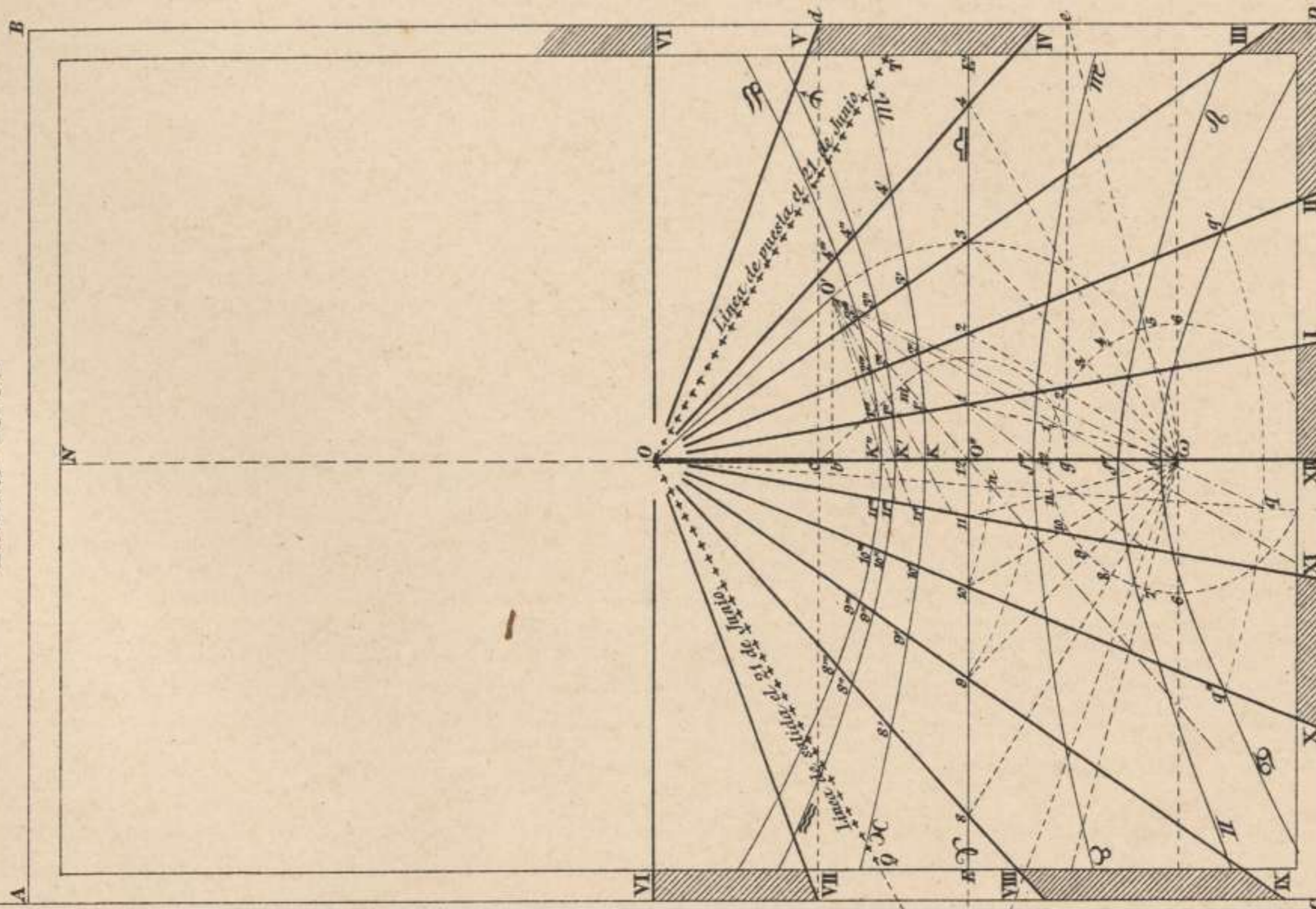


Fig.^a 34.

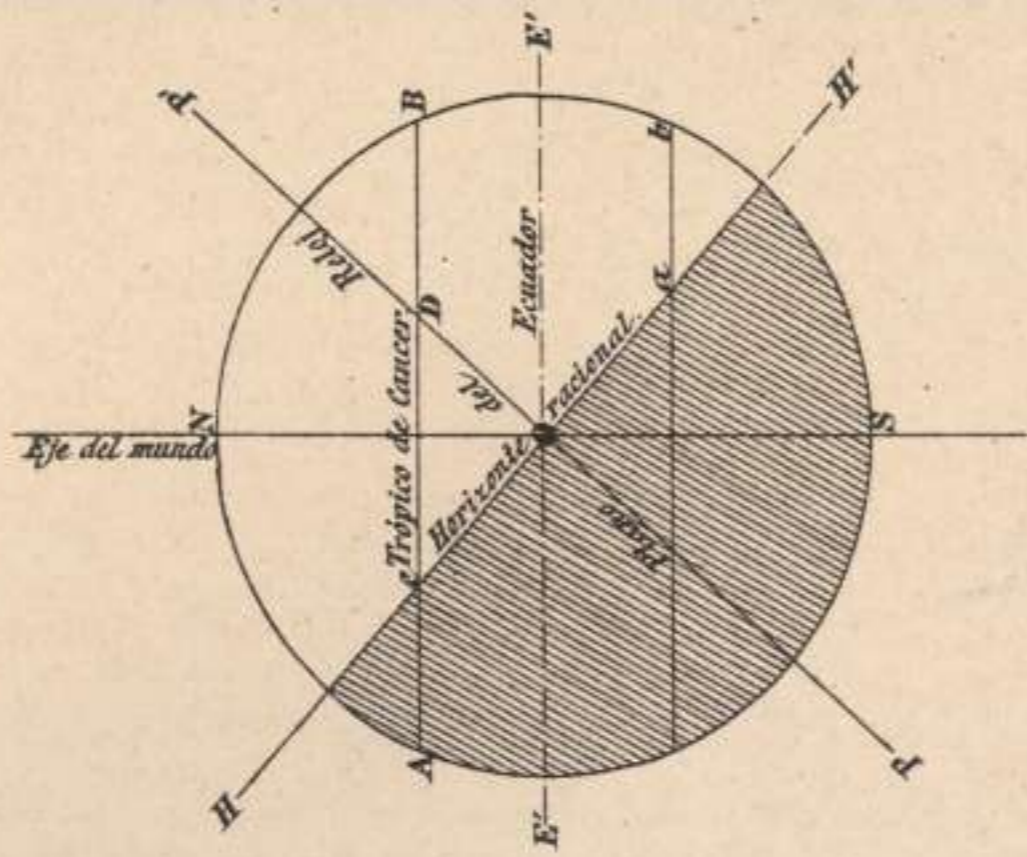
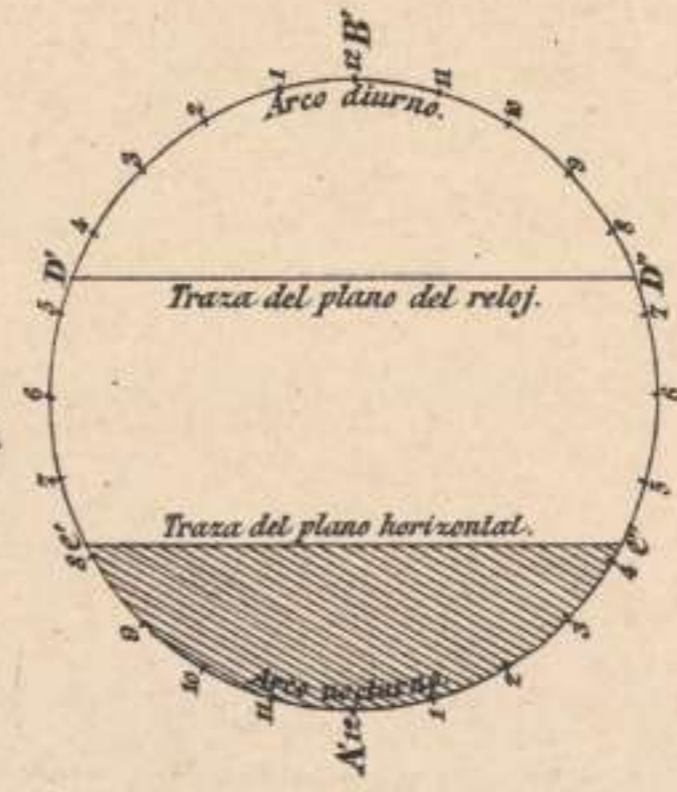


Fig.^a 35.



Relojes verticales indeclinantes.

Fig.^a 36.
Reloj oriental.
Latitud 41°

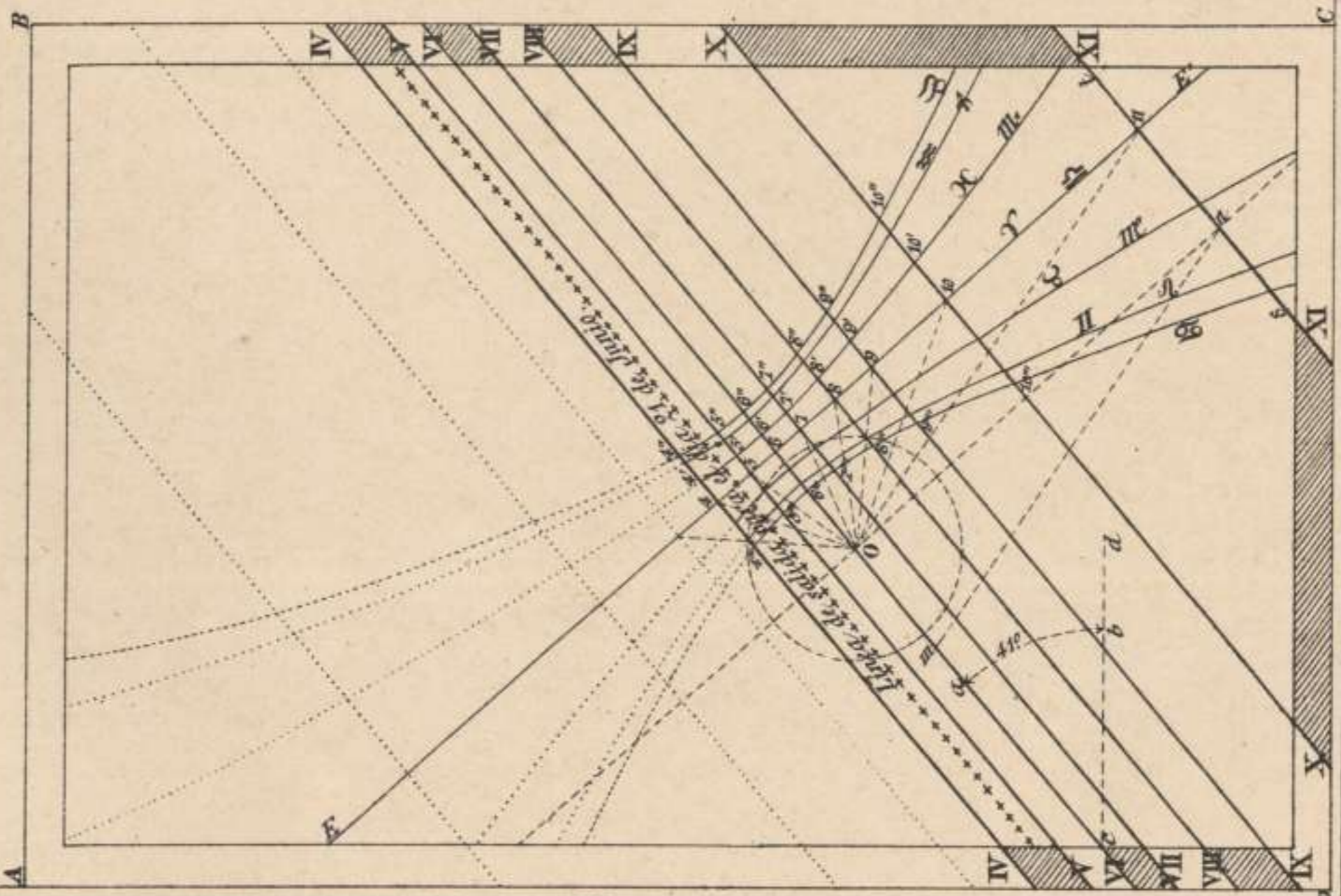


Fig.^a 37.
Reloj occidental.
Latitud 41°

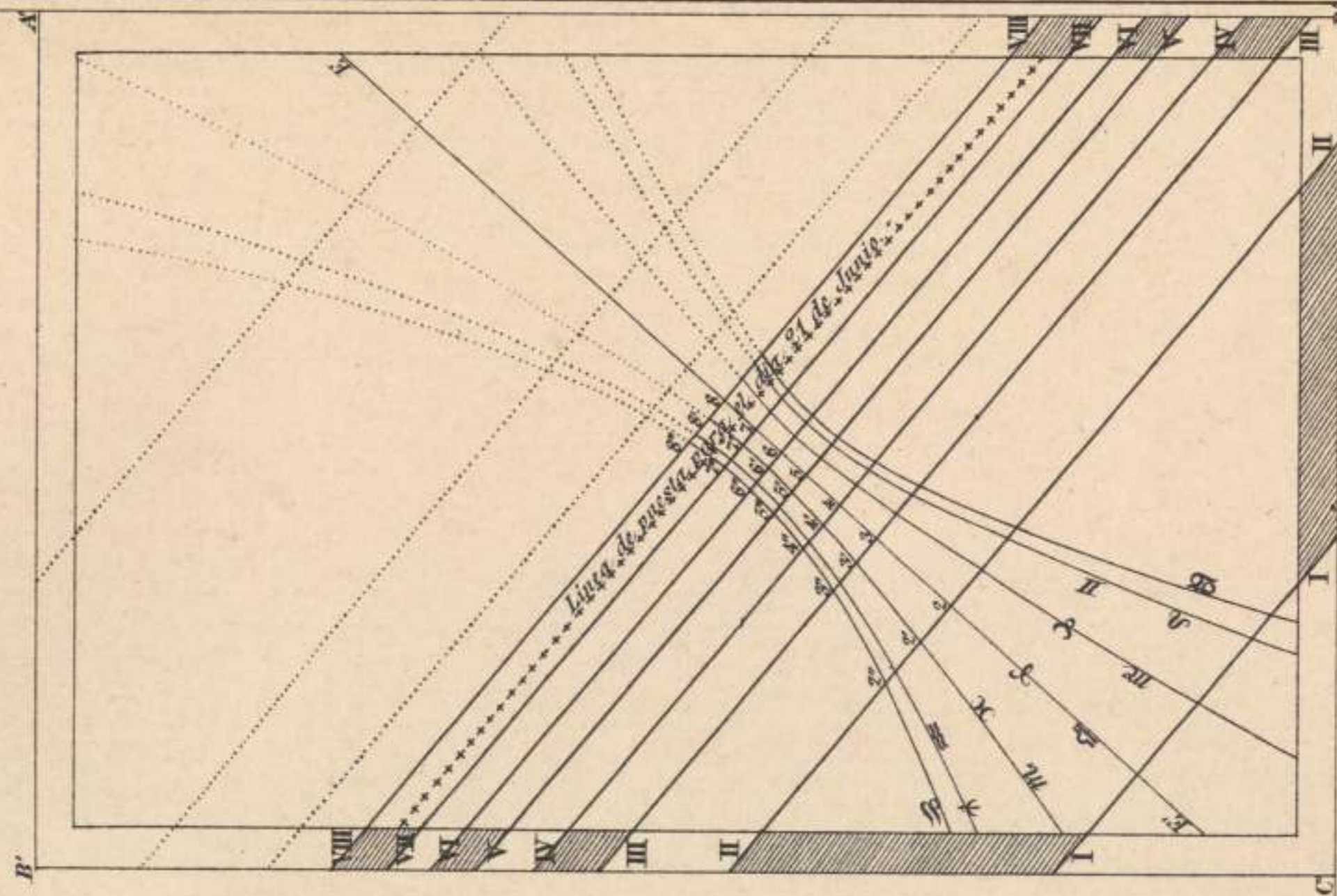


Fig.^a 39.

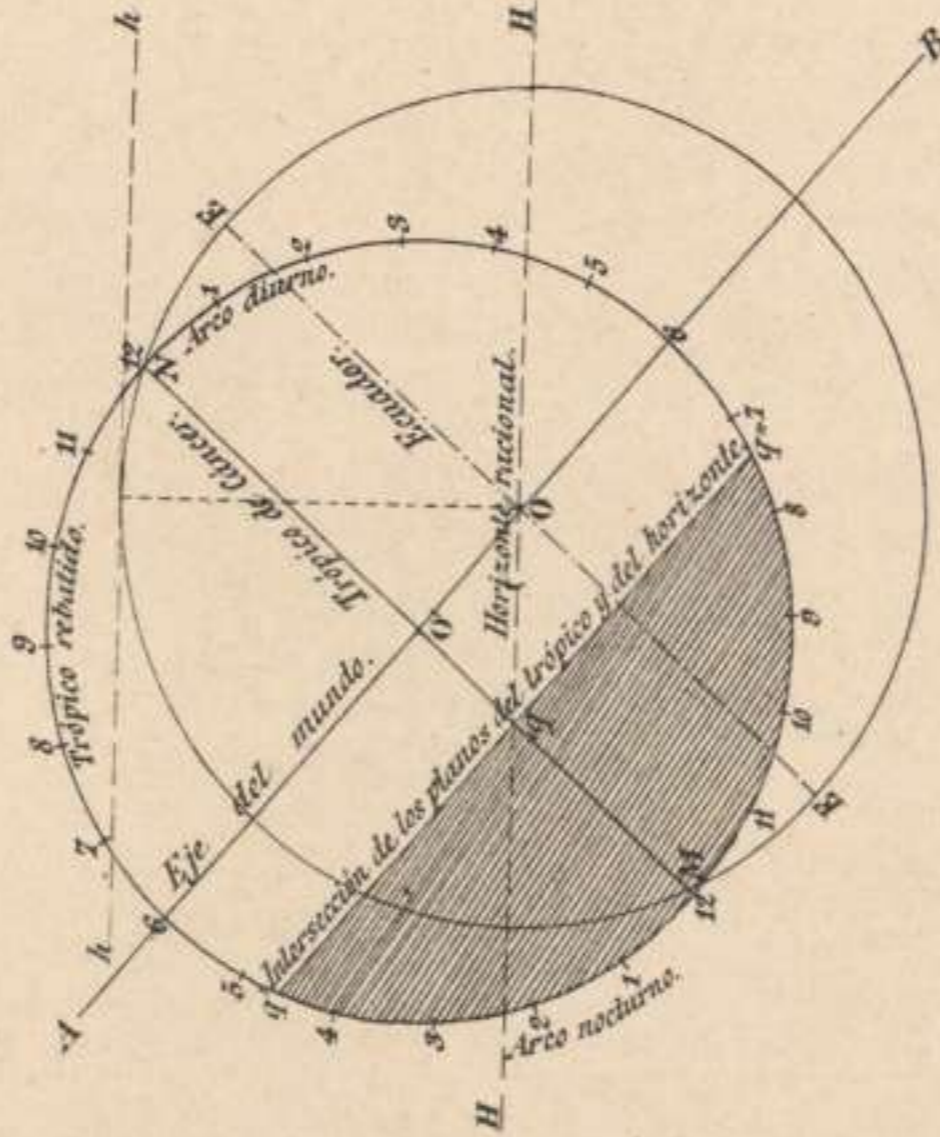
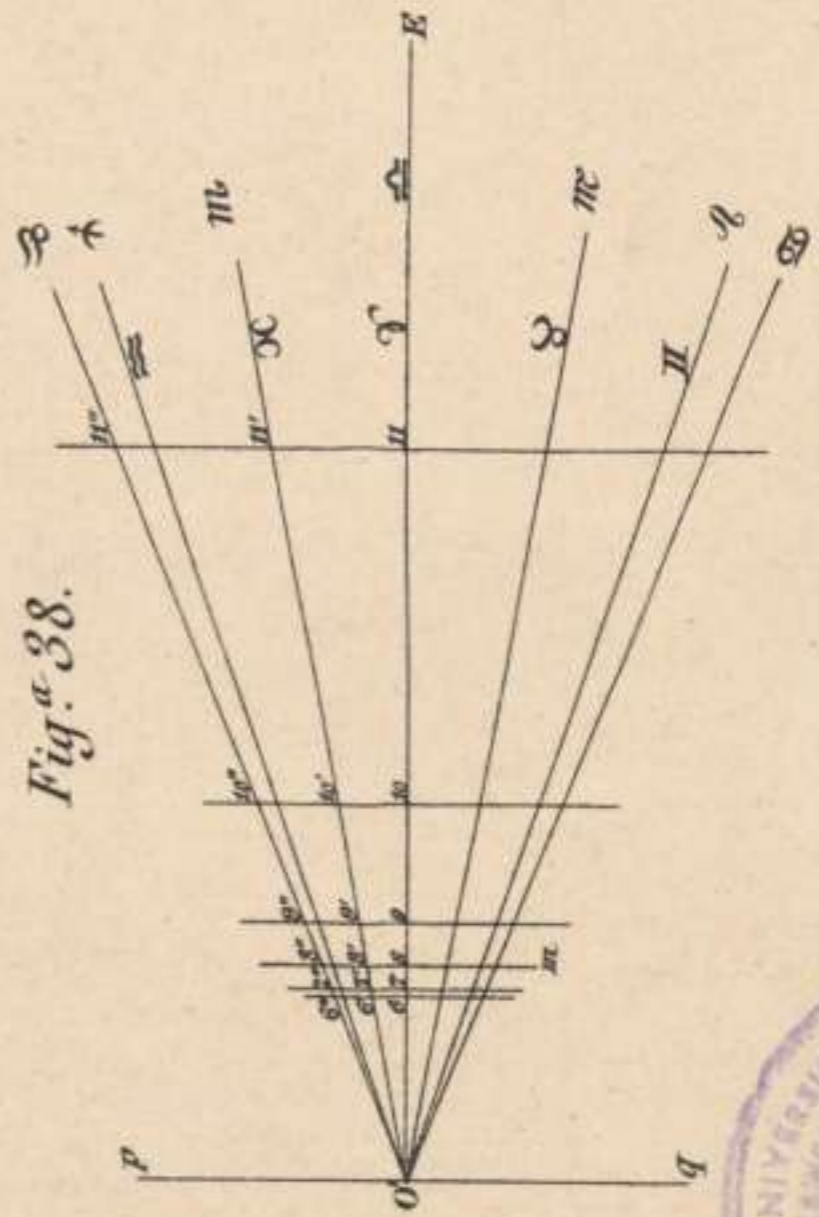
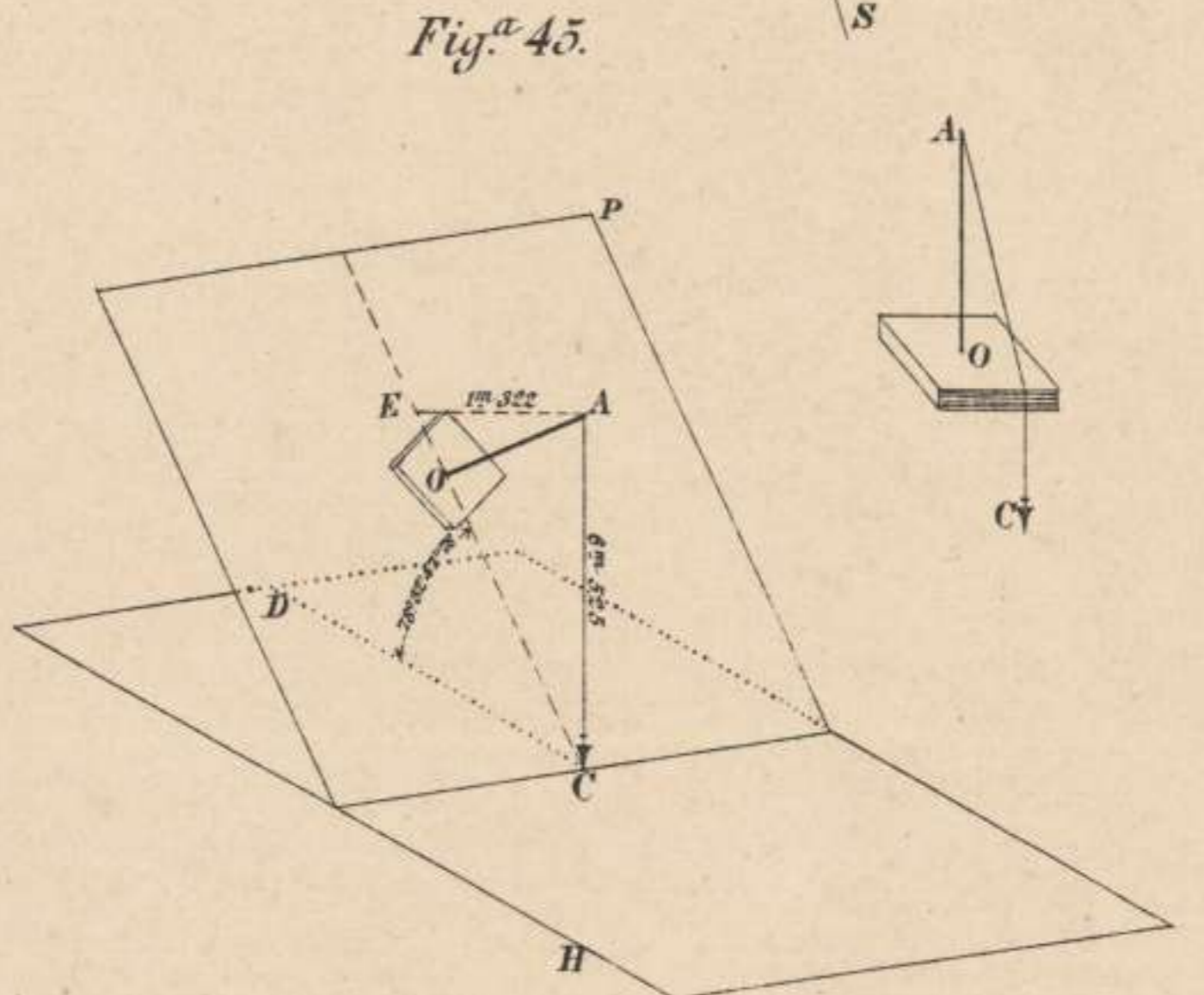
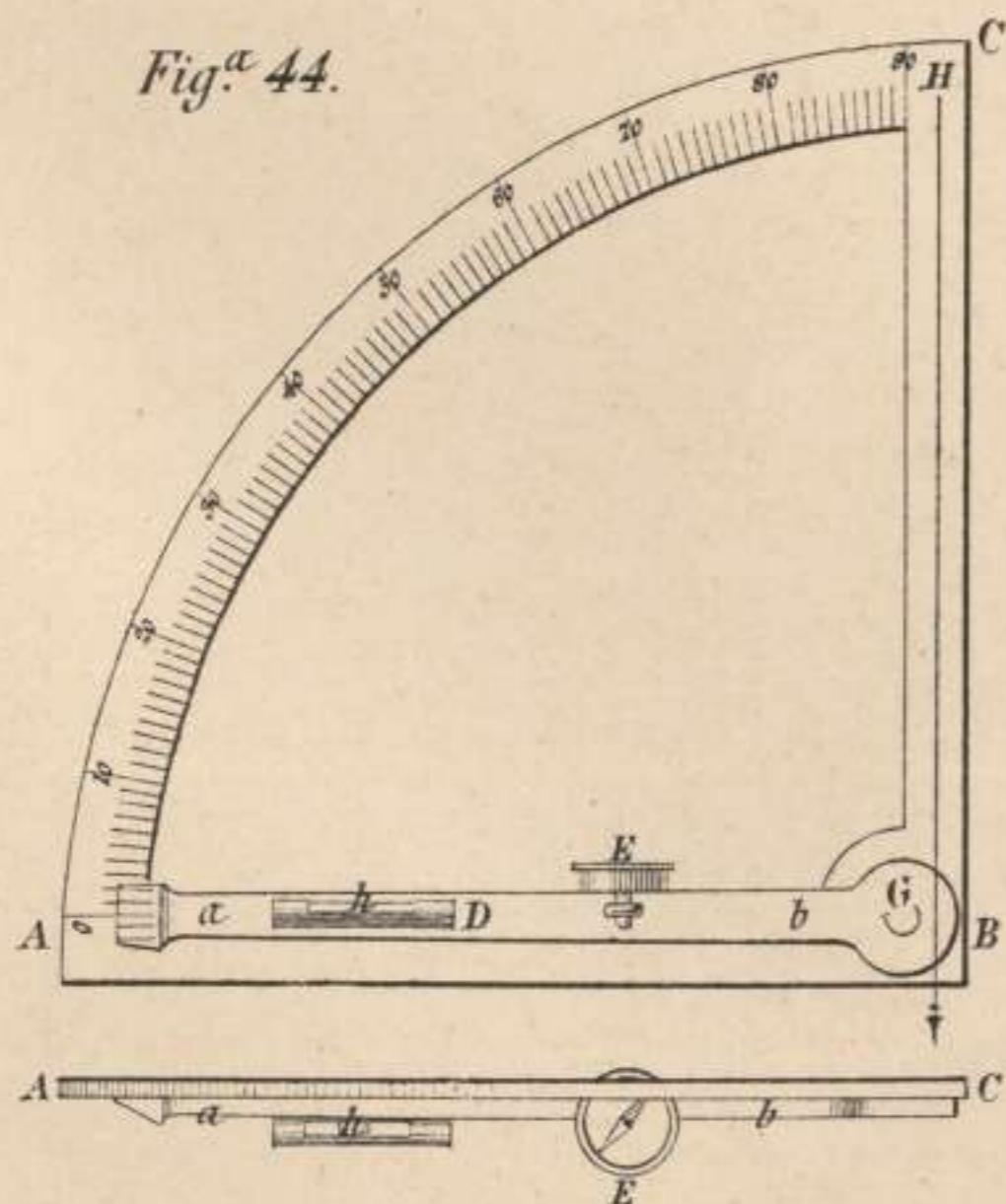
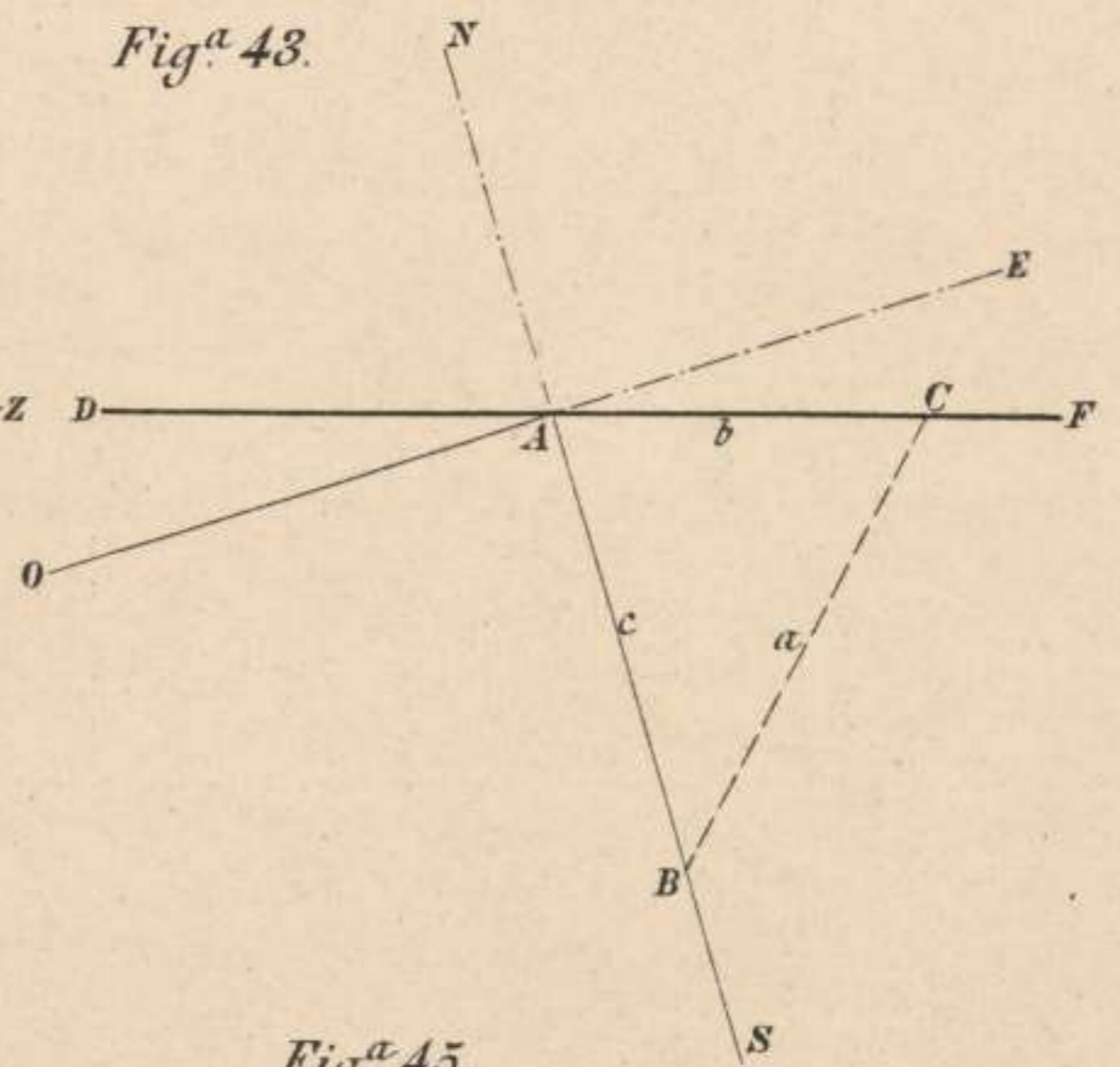
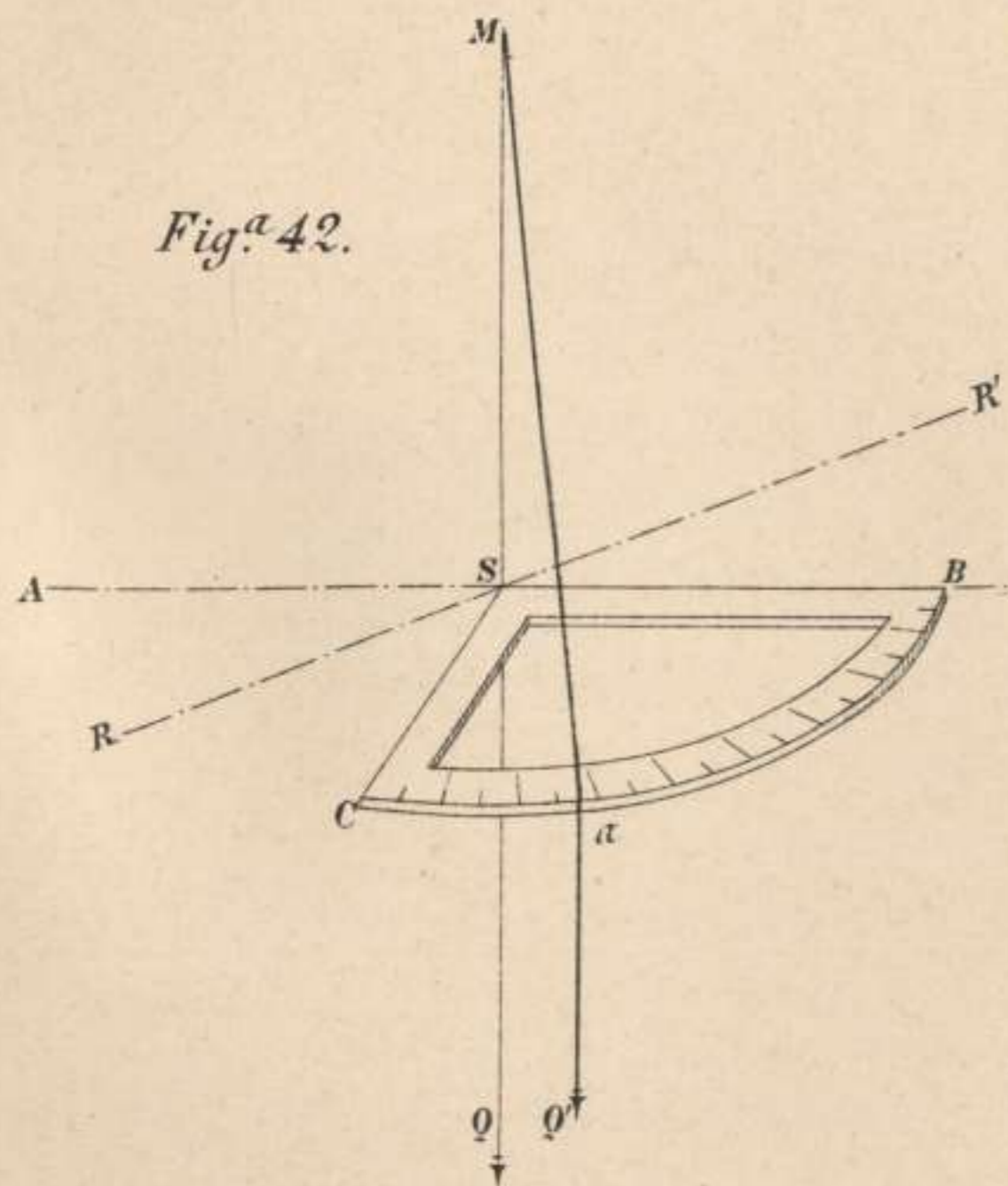
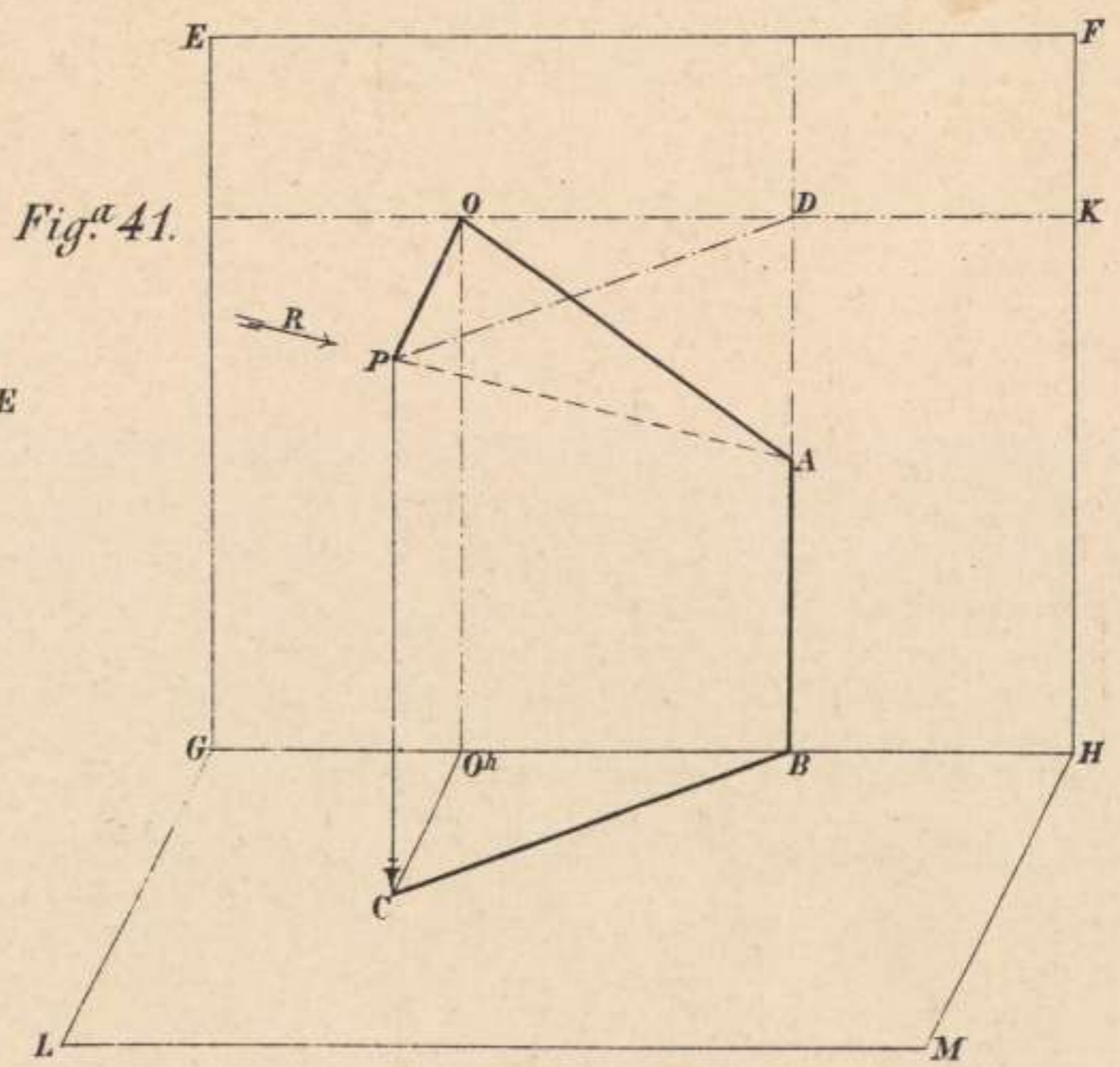
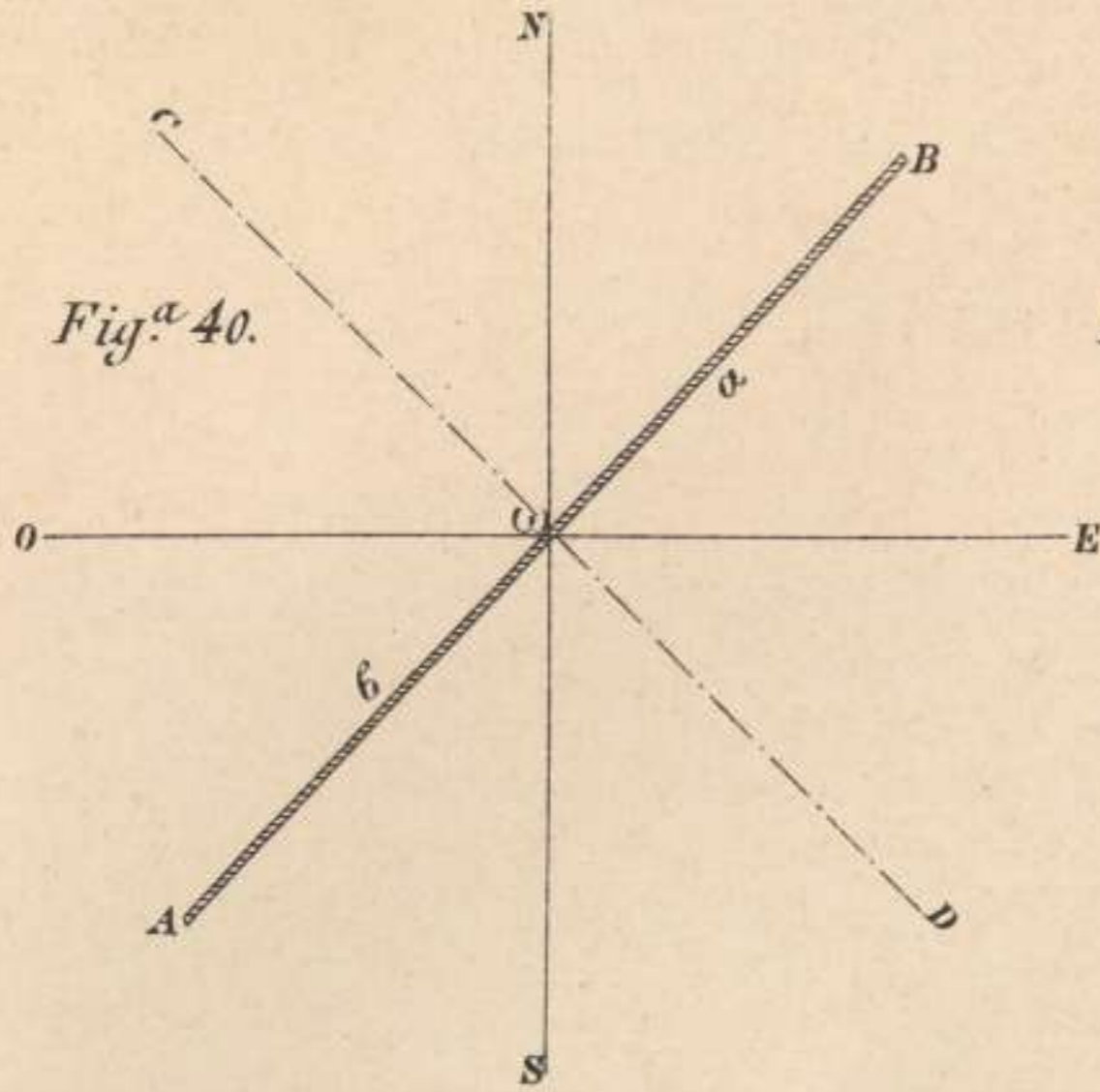


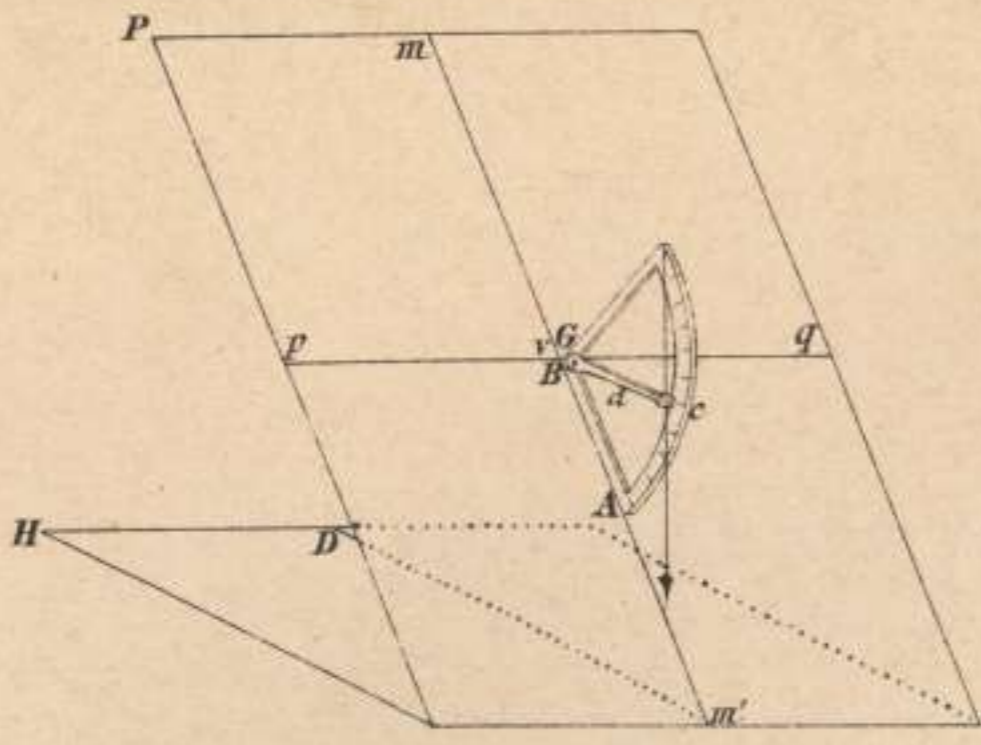
Fig.^a 38.



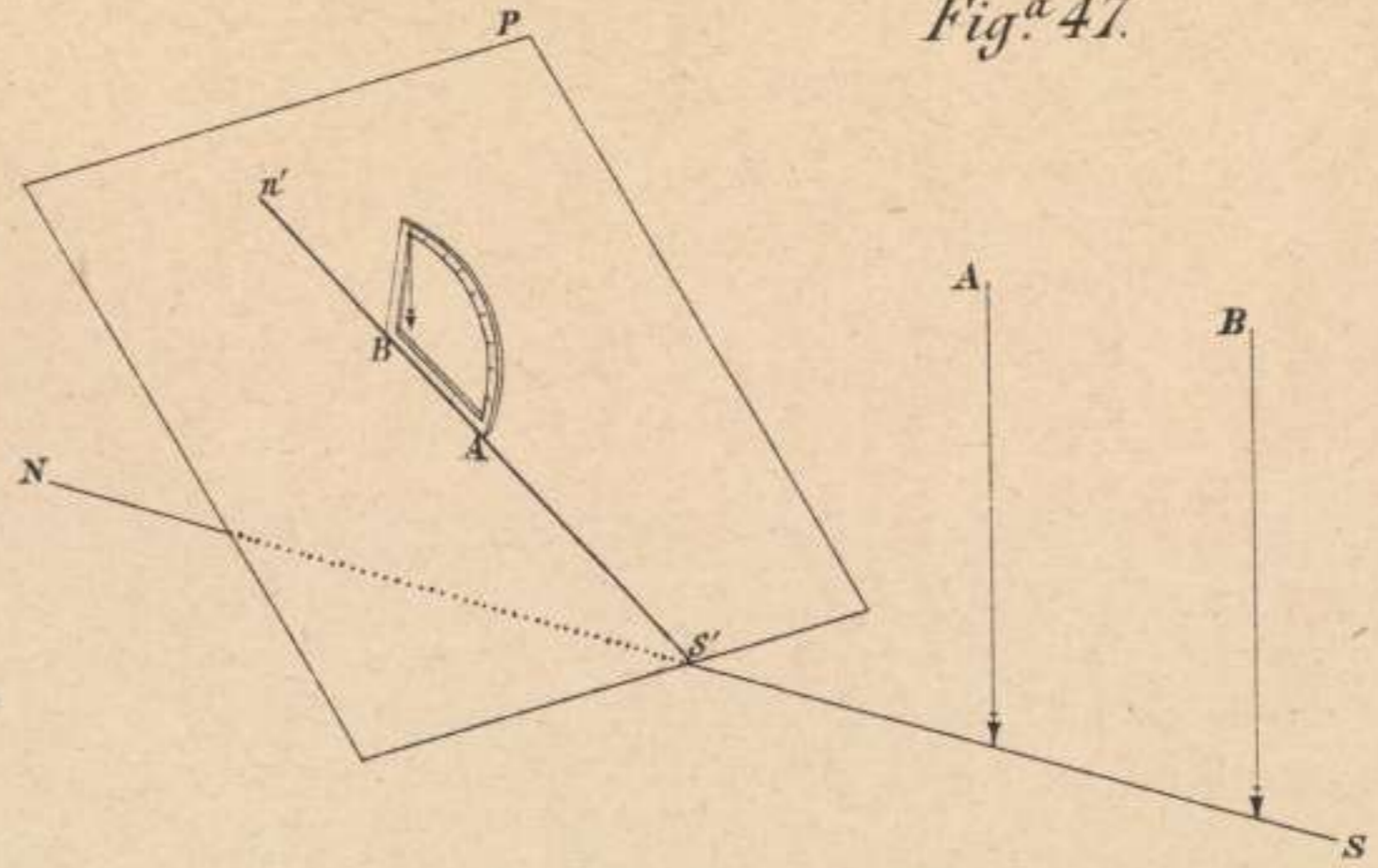
Elementos para la declinación é inclinación de planos.



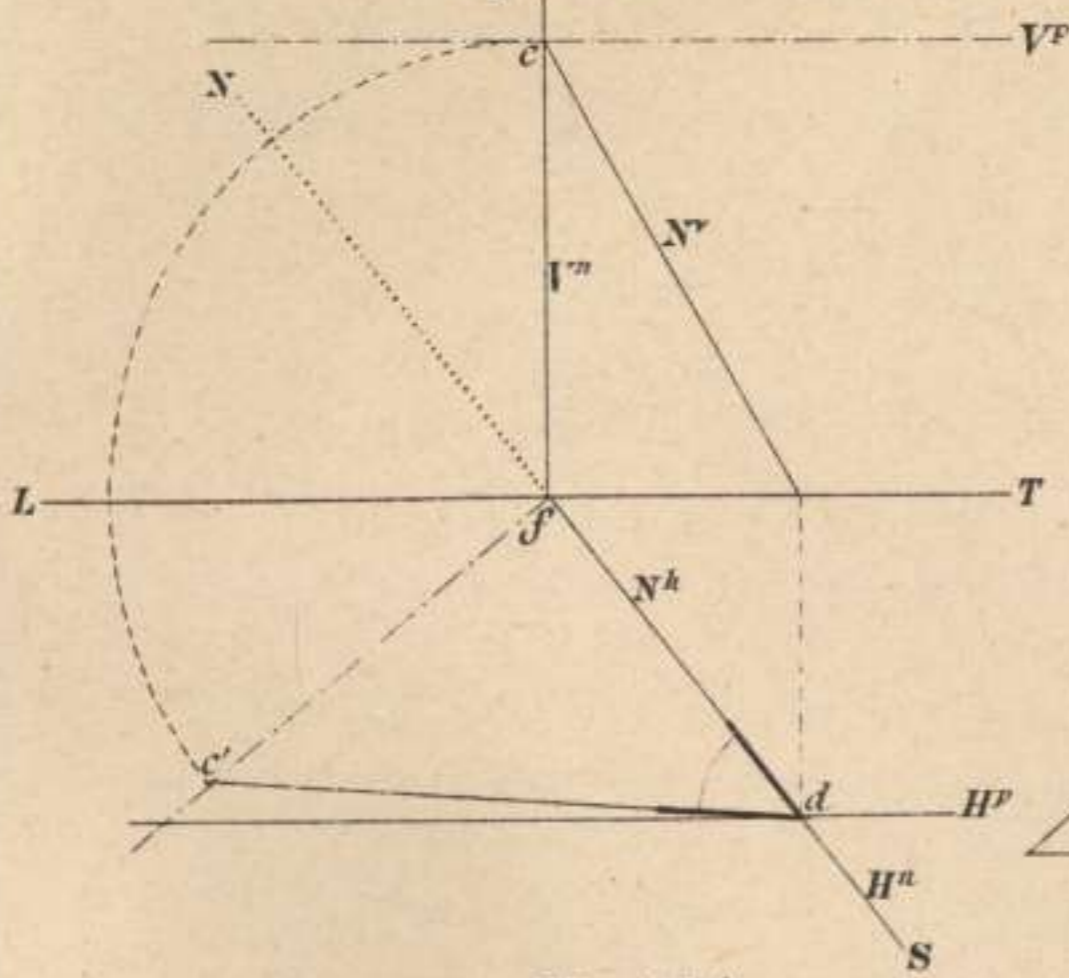
Fig^a 46.



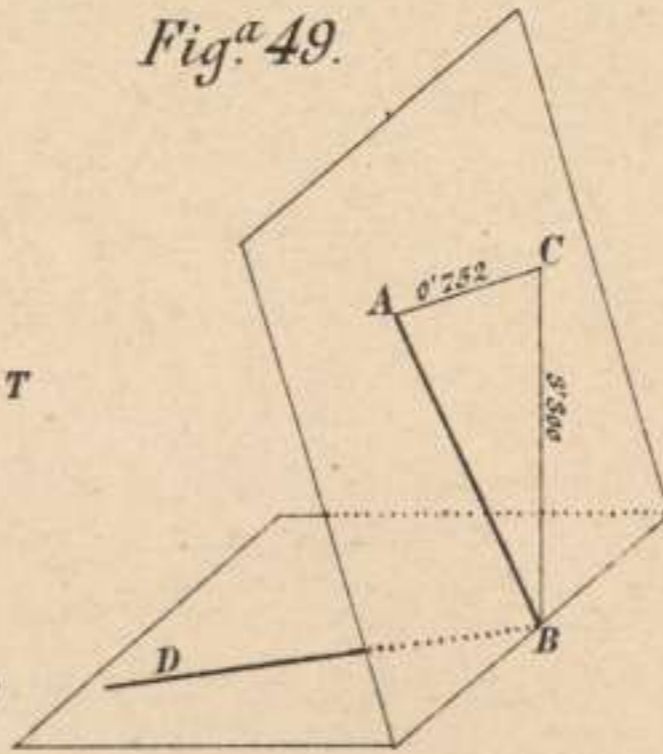
Fig^a 47.



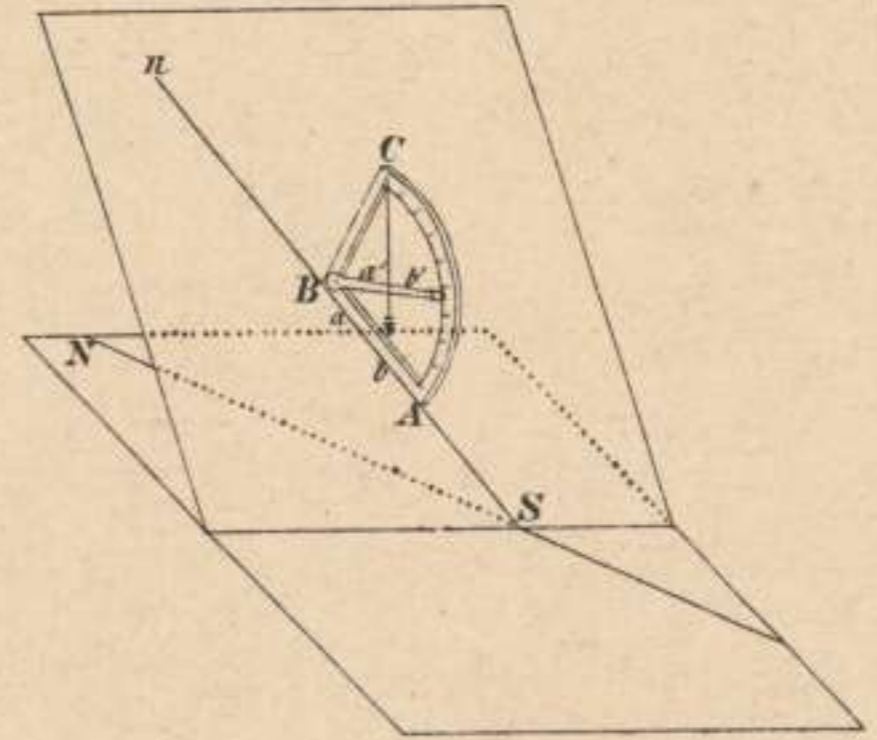
Fig^a 48.



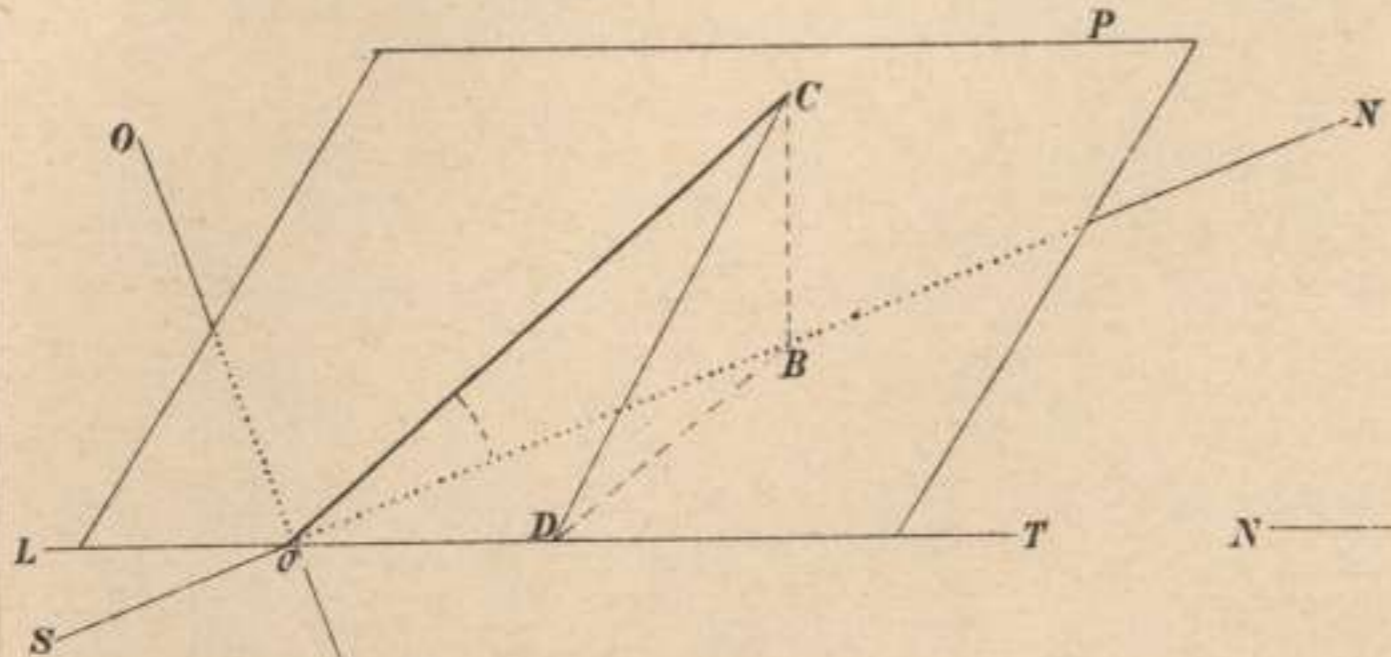
Fig^a 49.



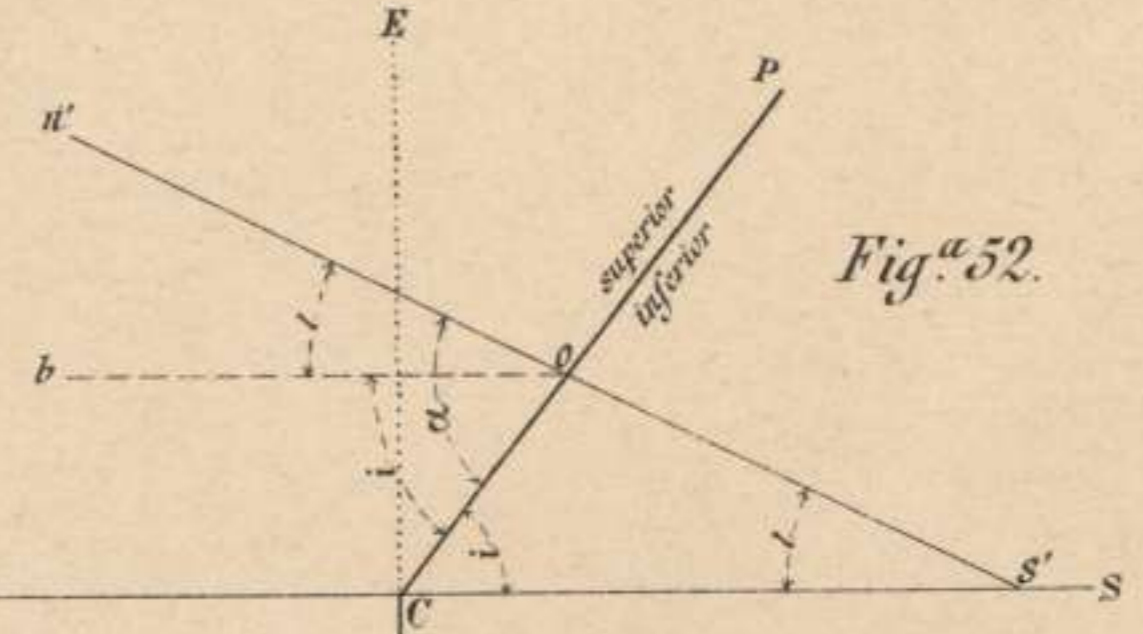
Fig^a 50.



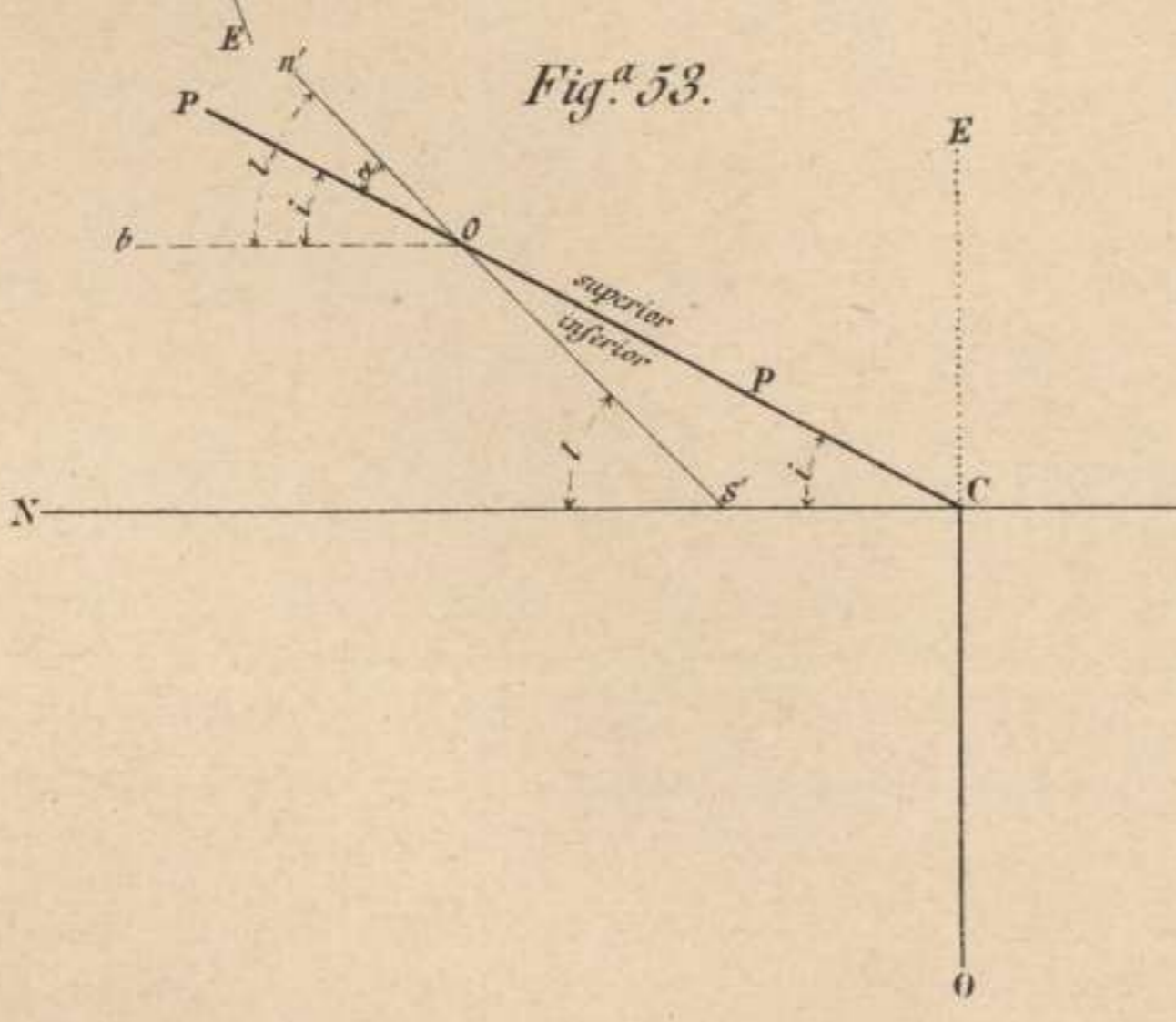
Fig^a 51.



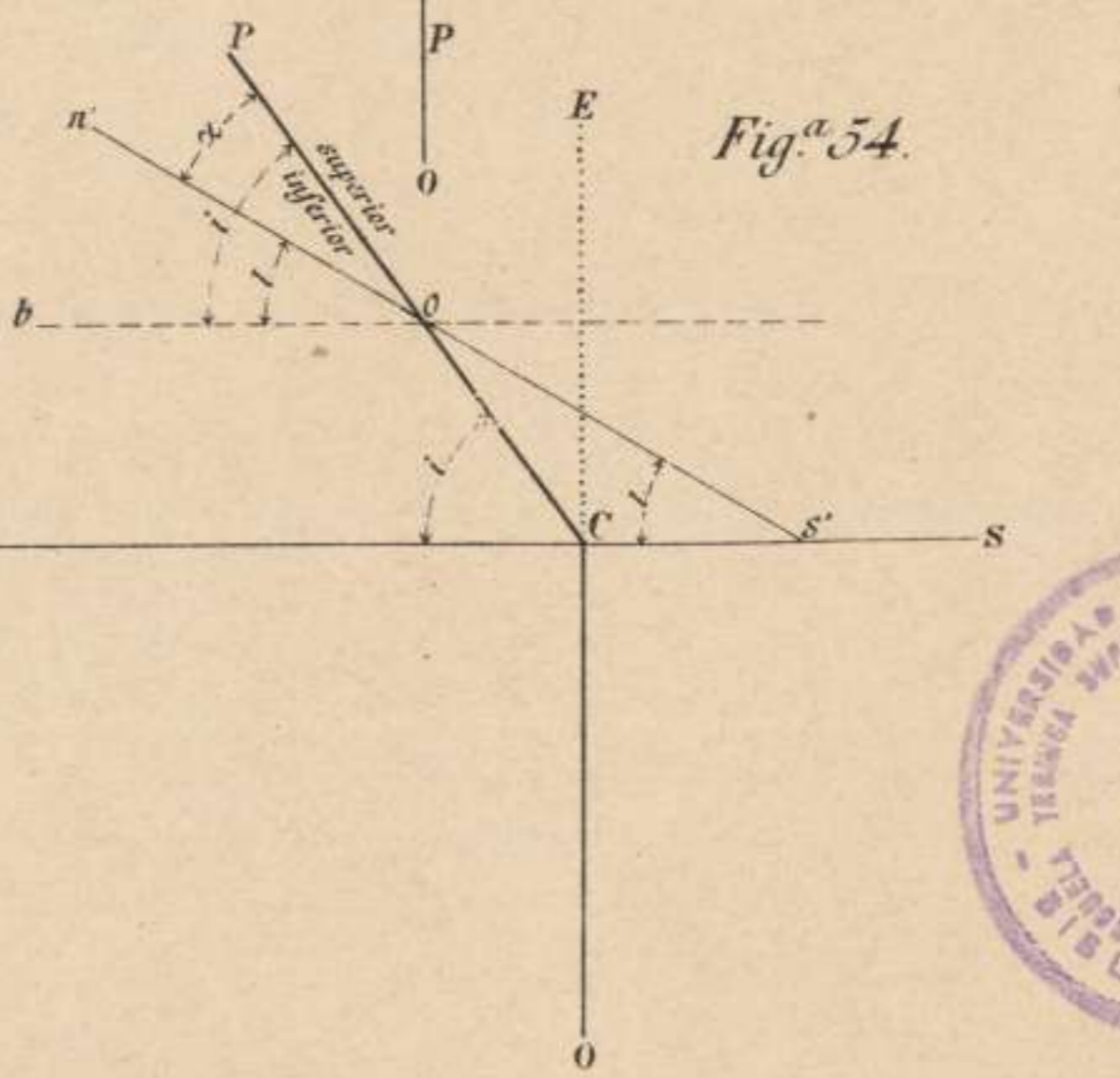
Fig^a 52.



Fig^a 53.



Fig^a 54.

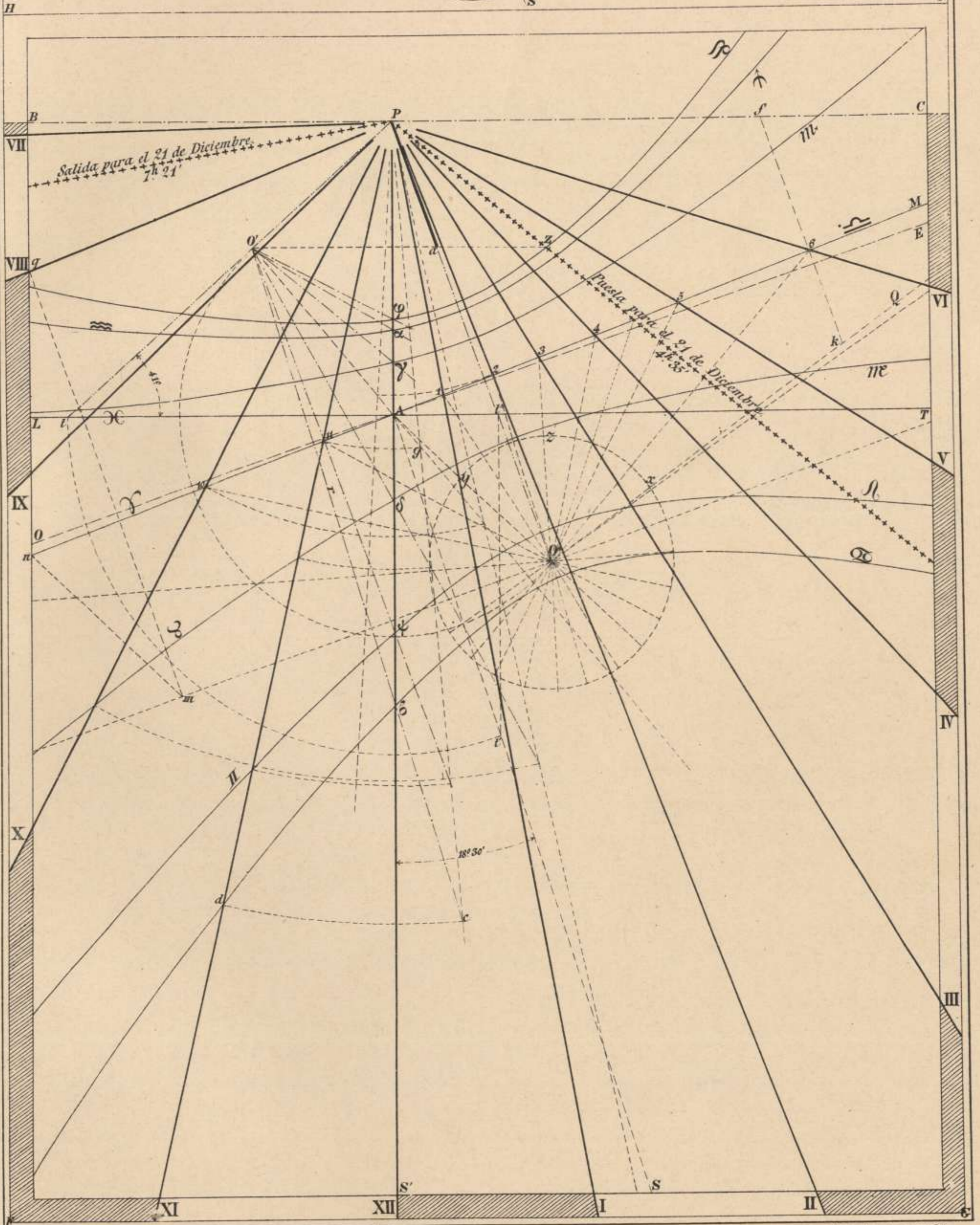
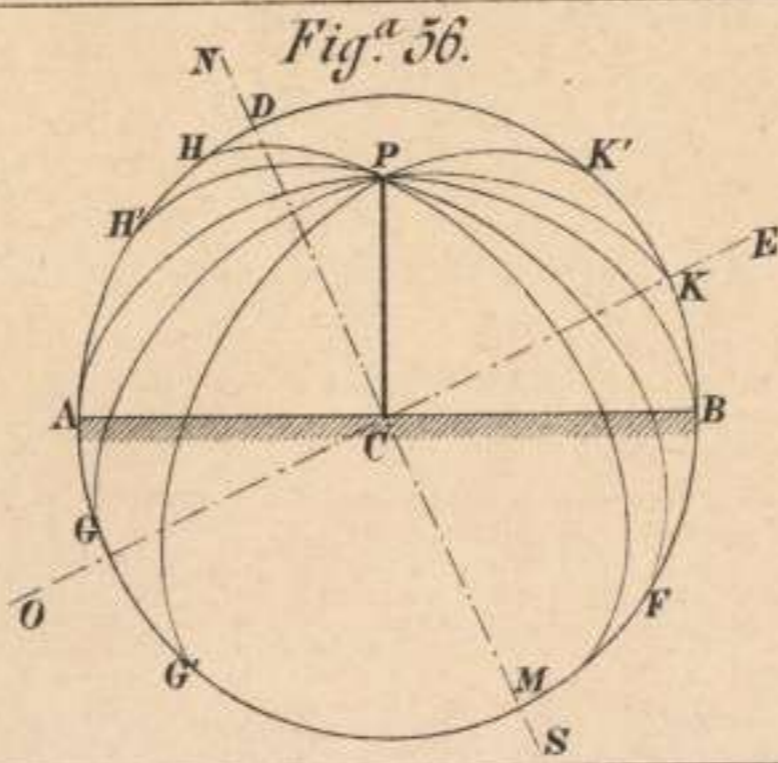


Fig^a 55.

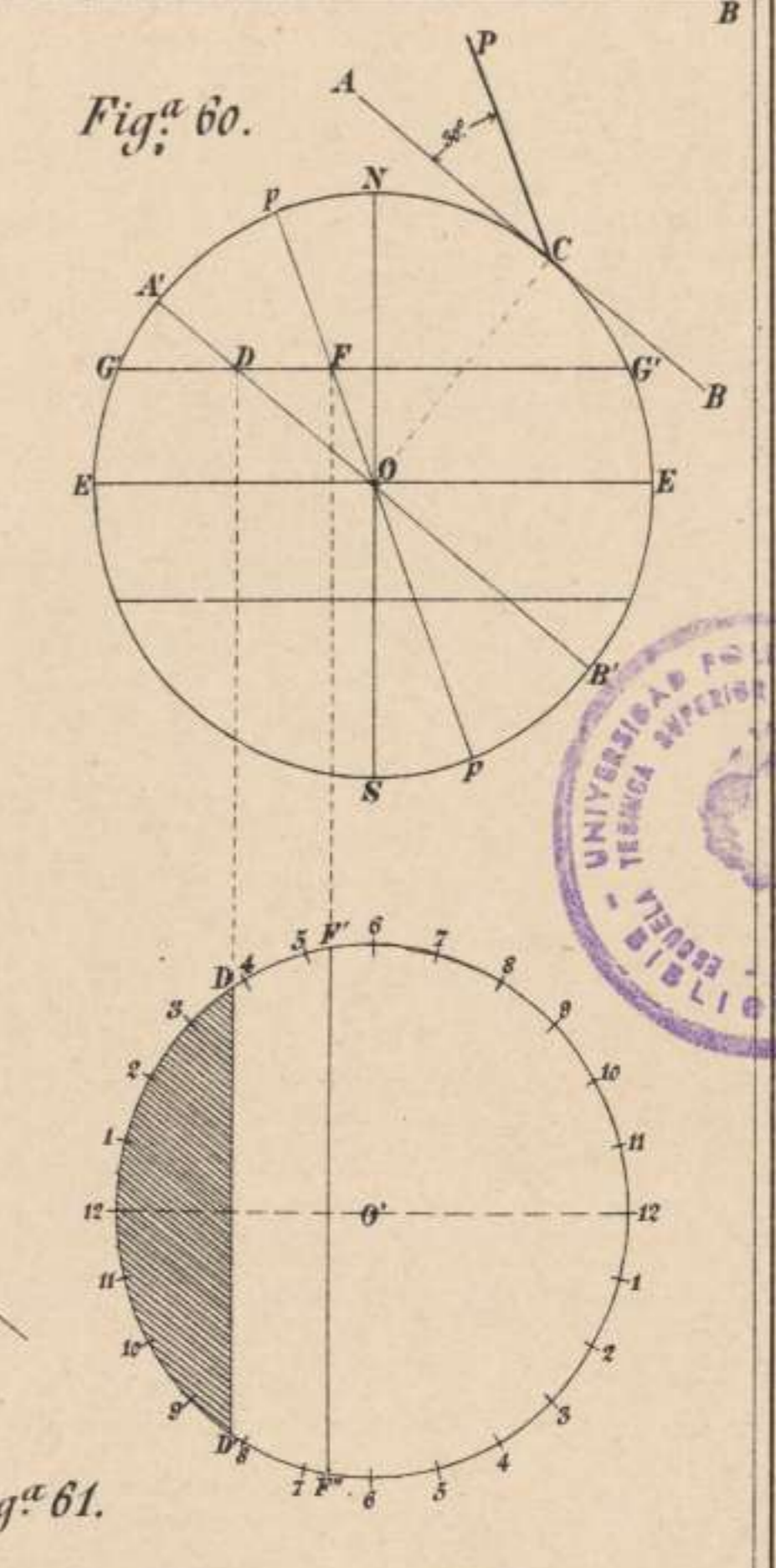
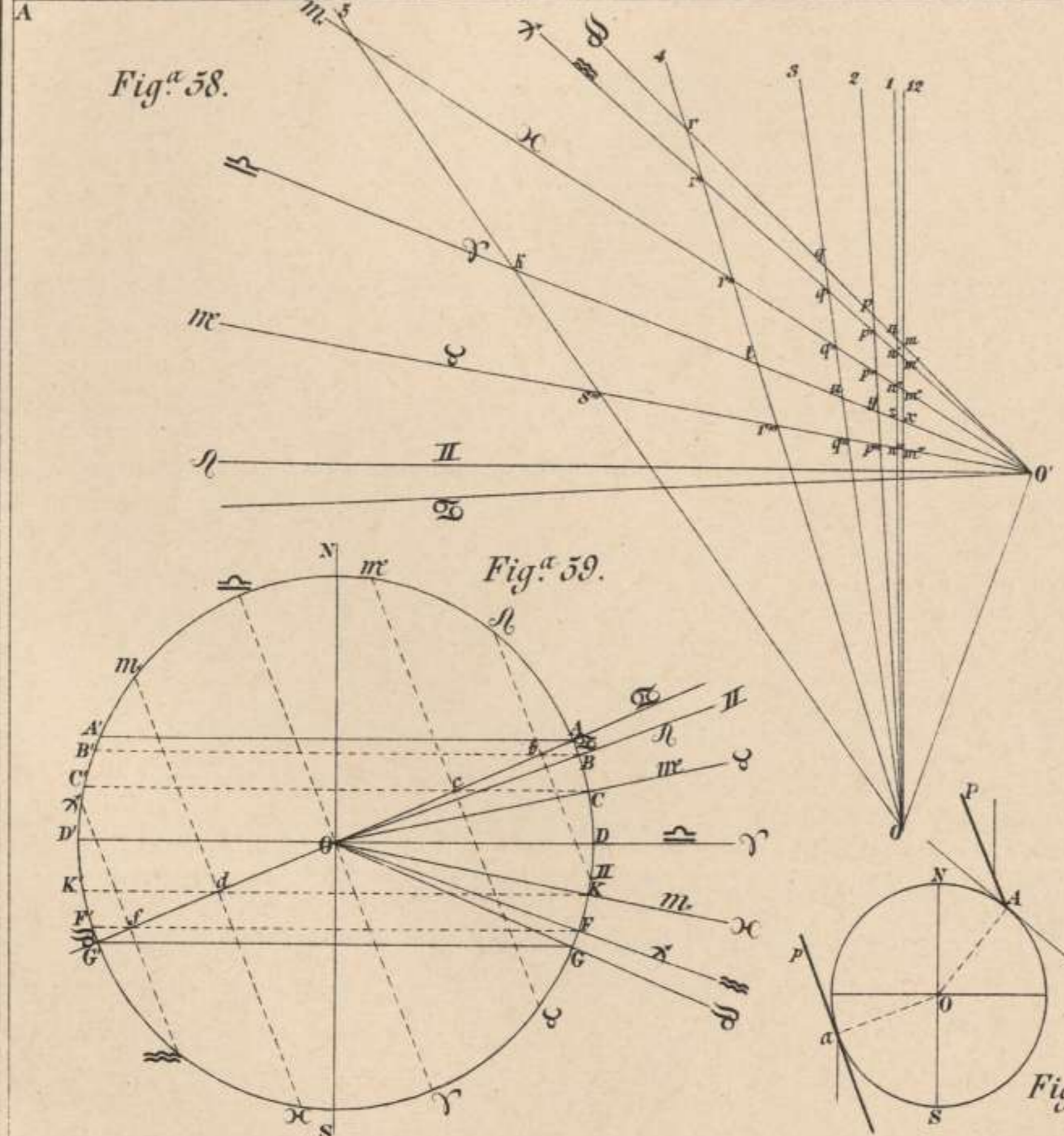
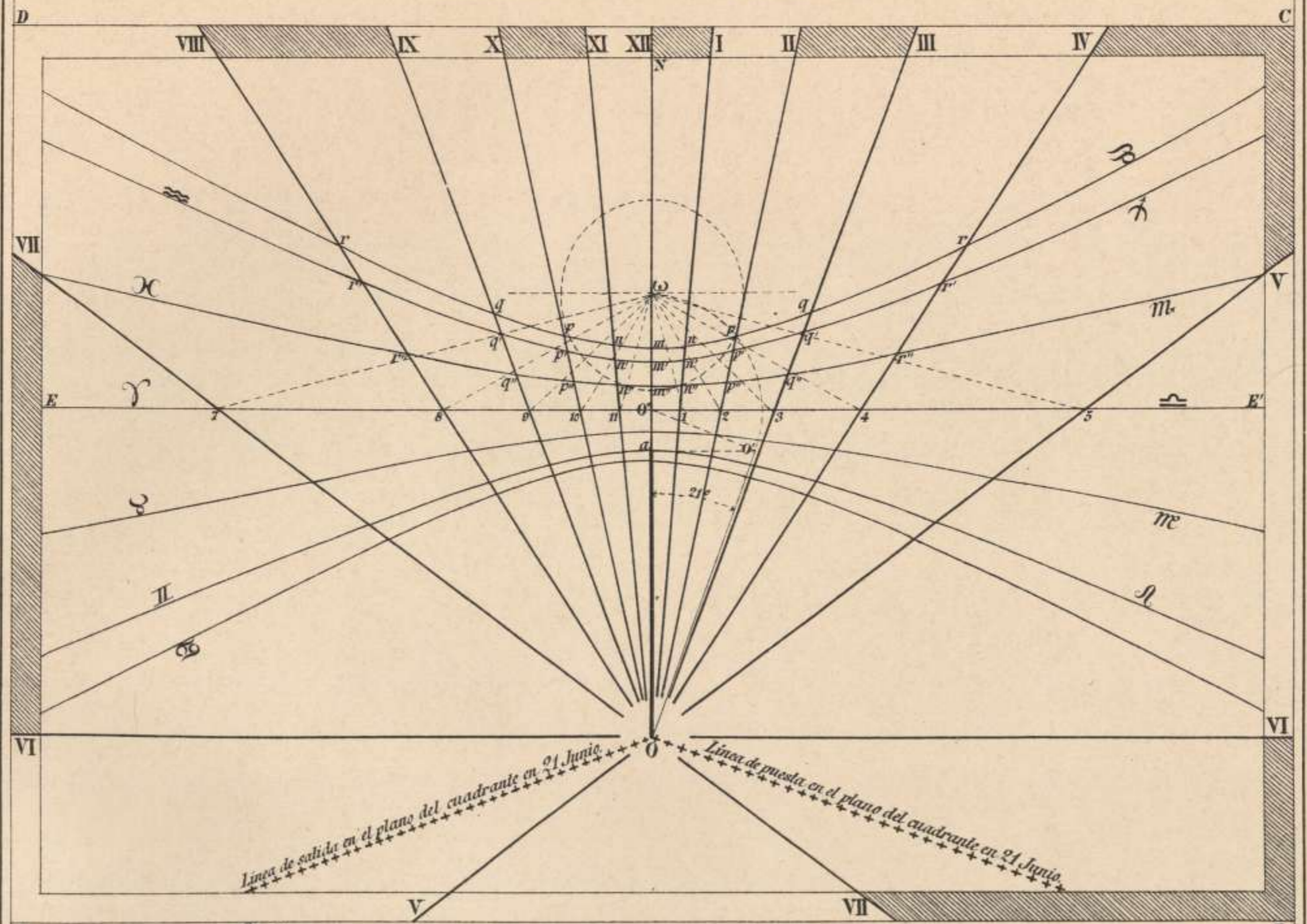
Reloj vertical.
Declinante del S.O.

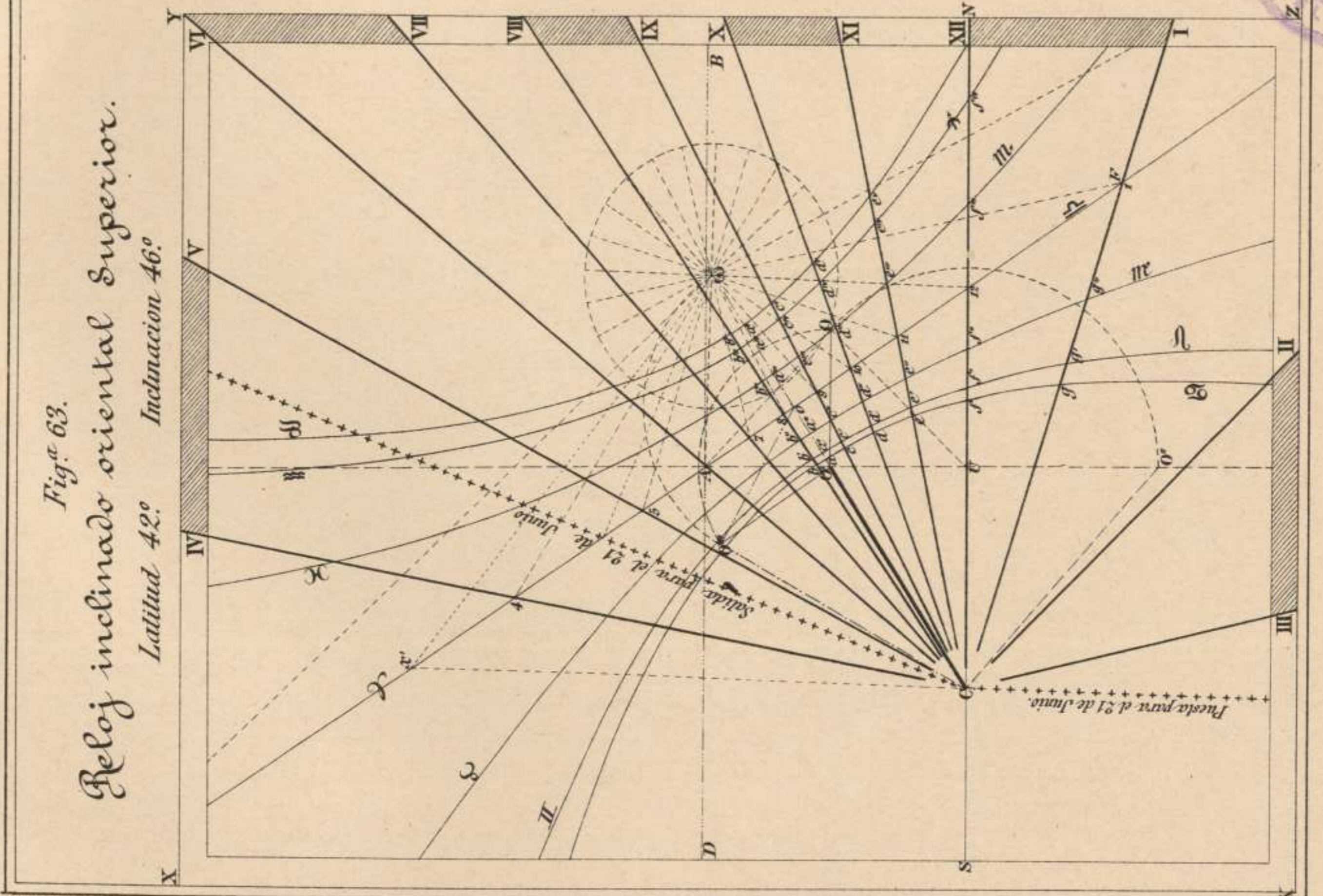
Latitud 41°

Declinacion 18° 30'



Fig^a 57.
Cuadrante inclinado Nberidional Superior.
Inclinacion 30° Latitud 51°





A. Rovira dibujó.

Sanx. Barrera grabó.

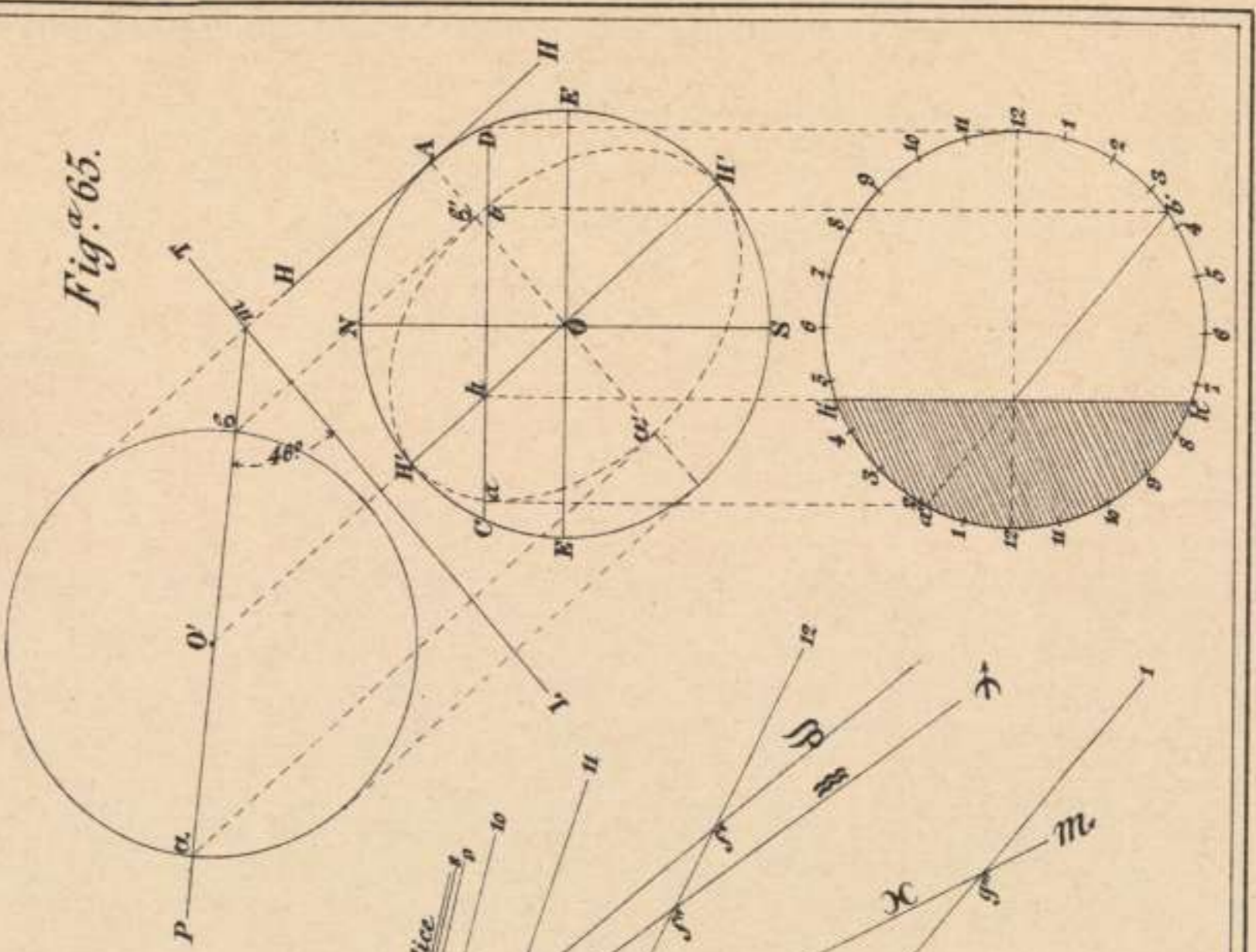
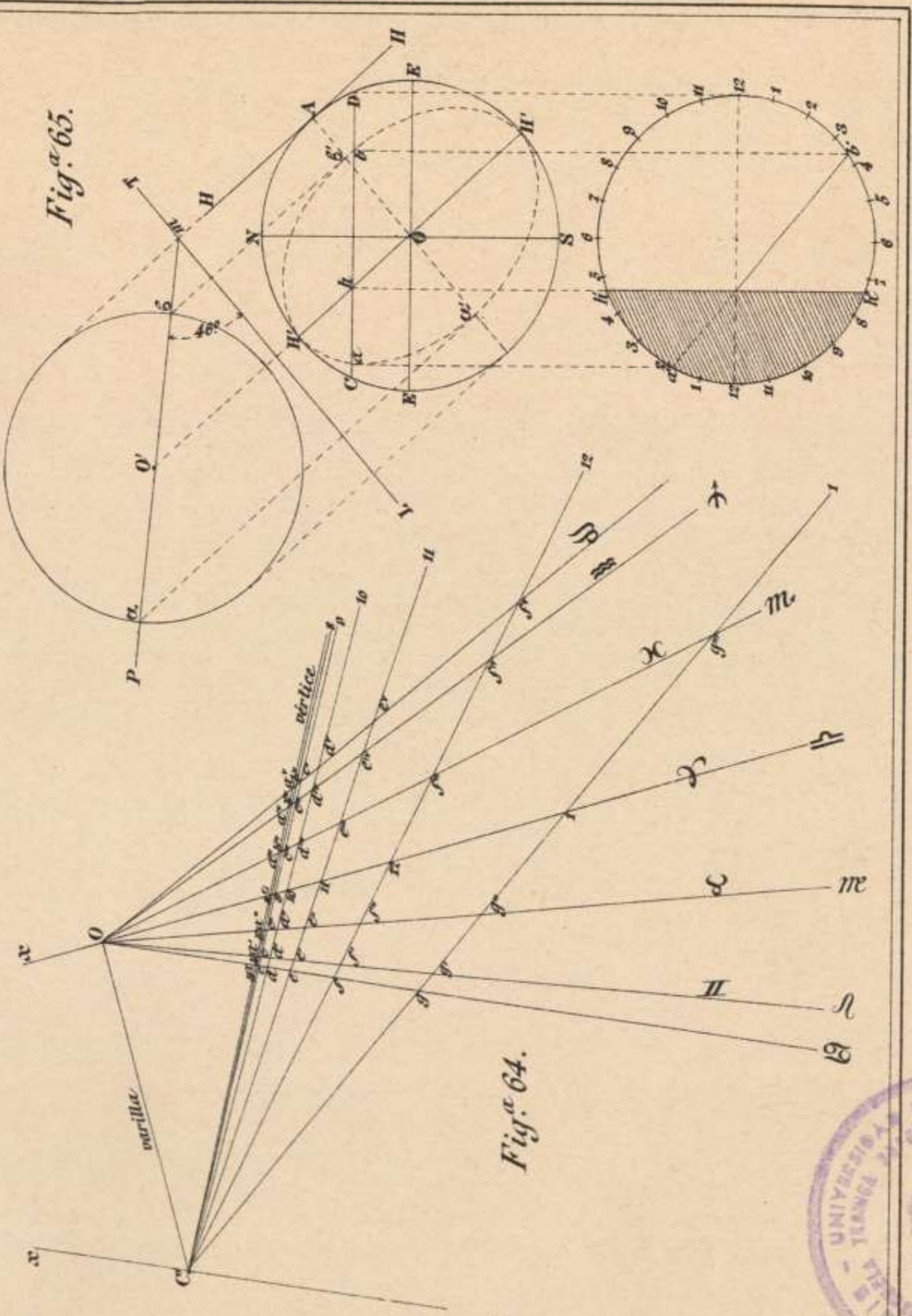
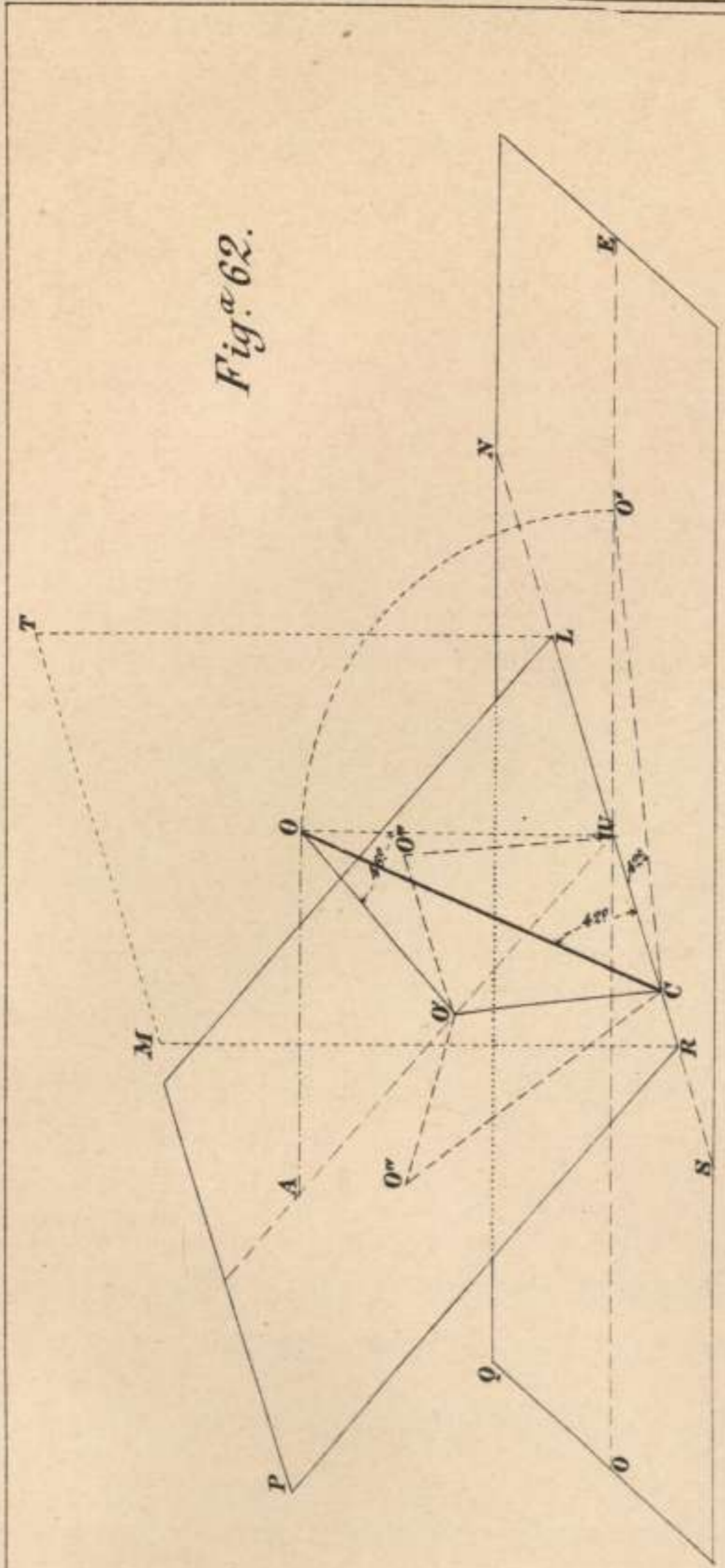


Fig.^a 67.

Reloj inclinado declinante Meridional Oriental Superior.

Latitud 34°

Inclinacion 52° 30'

Declinacion 38°

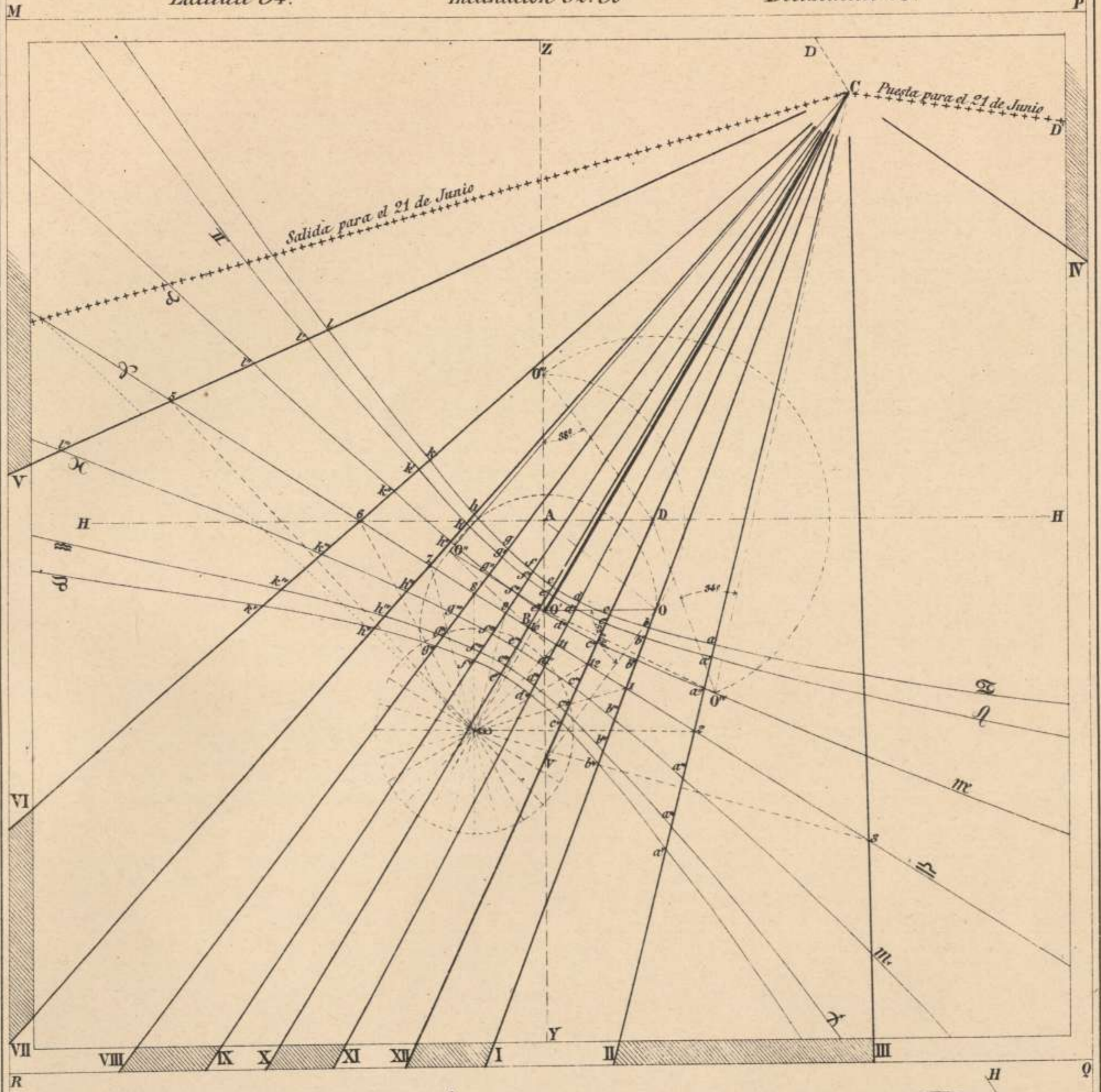


Fig.^a 66.

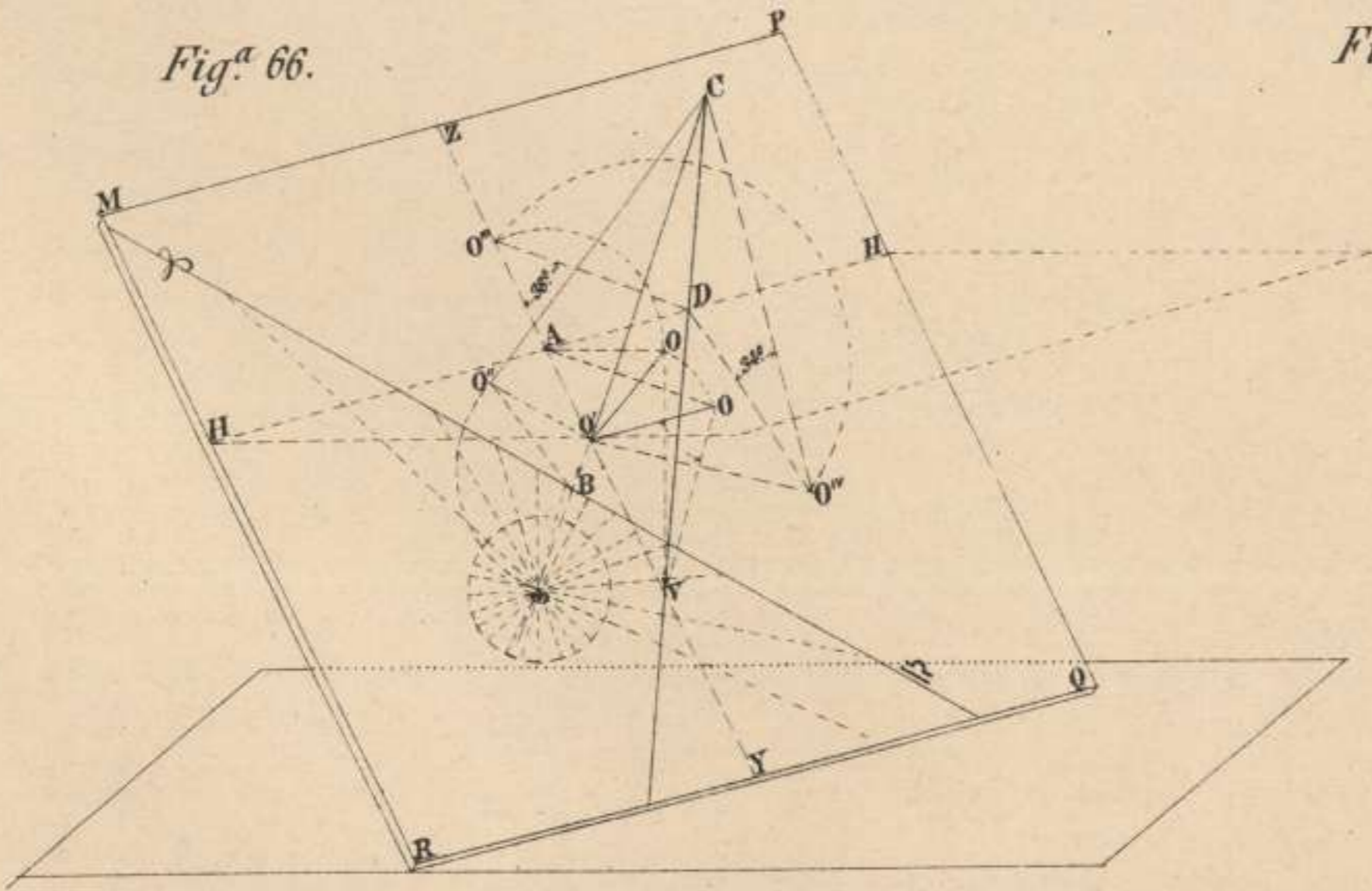
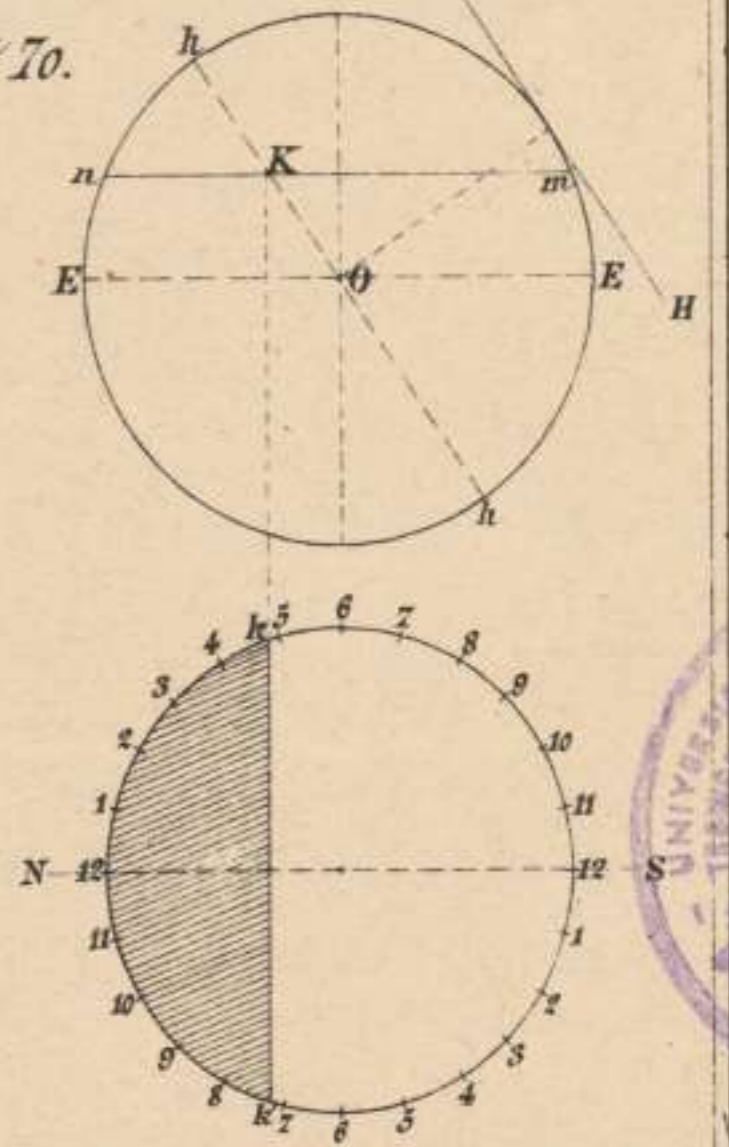
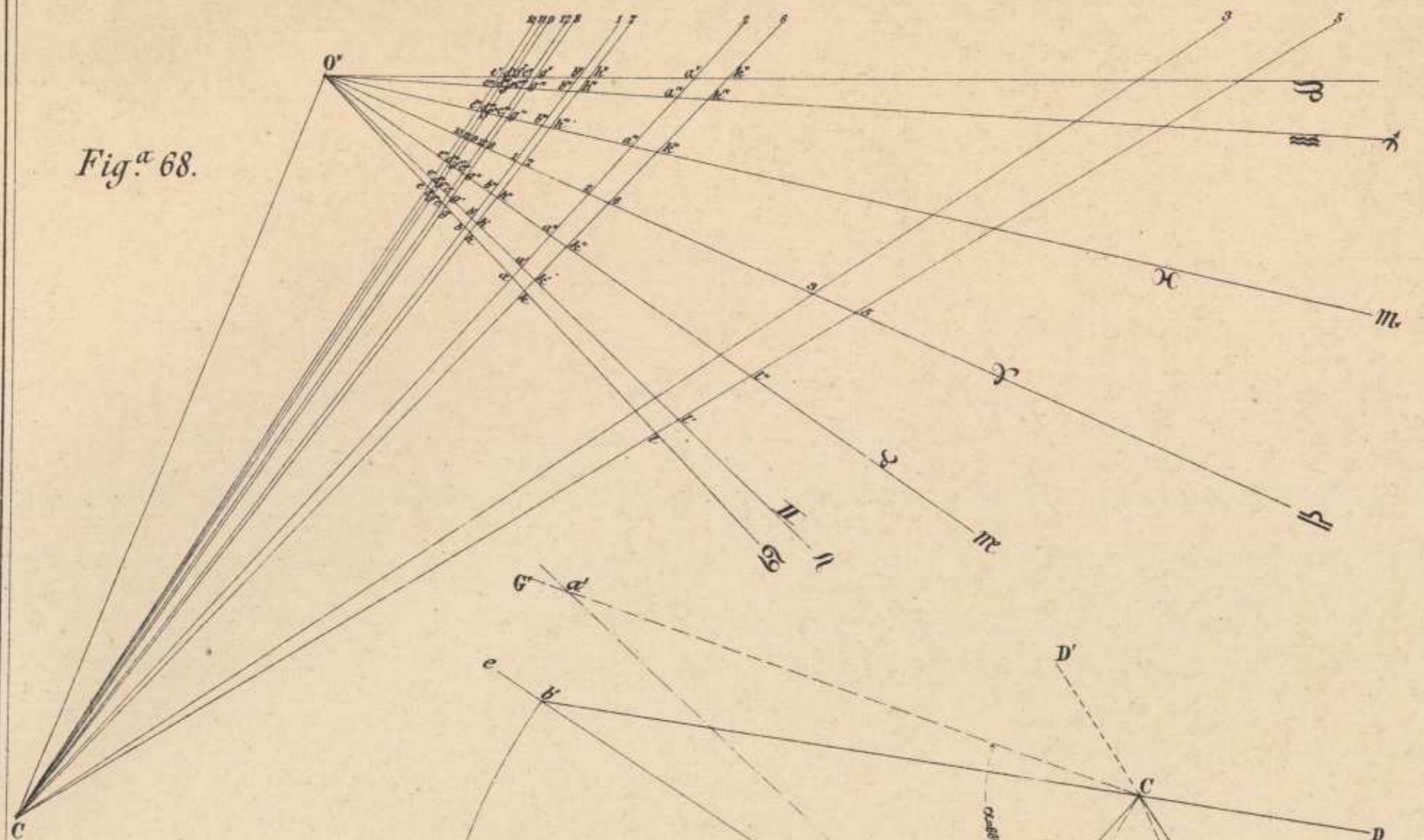


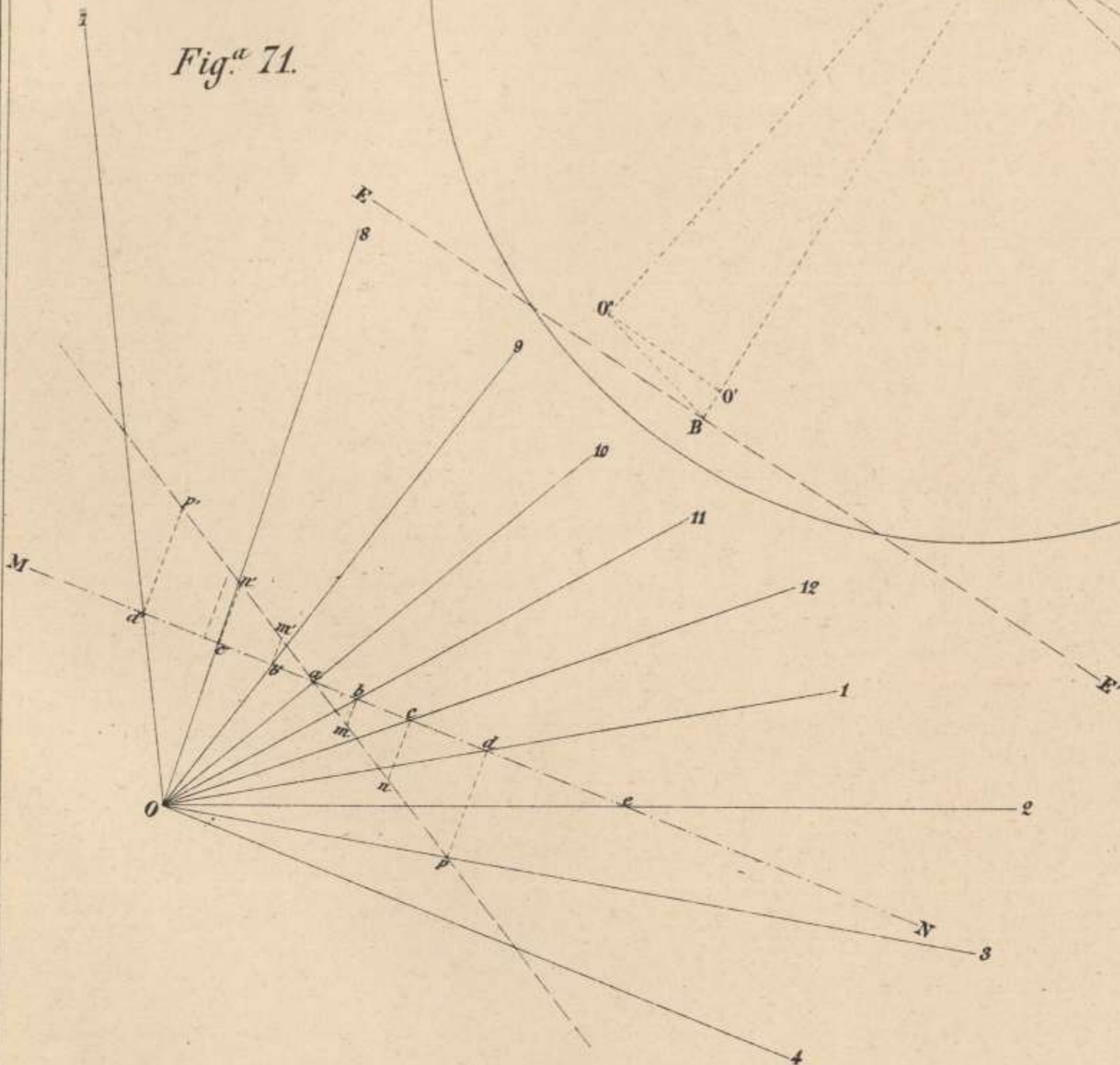
Fig.^a 70.



Fig^a 68.



Fig^a 71.

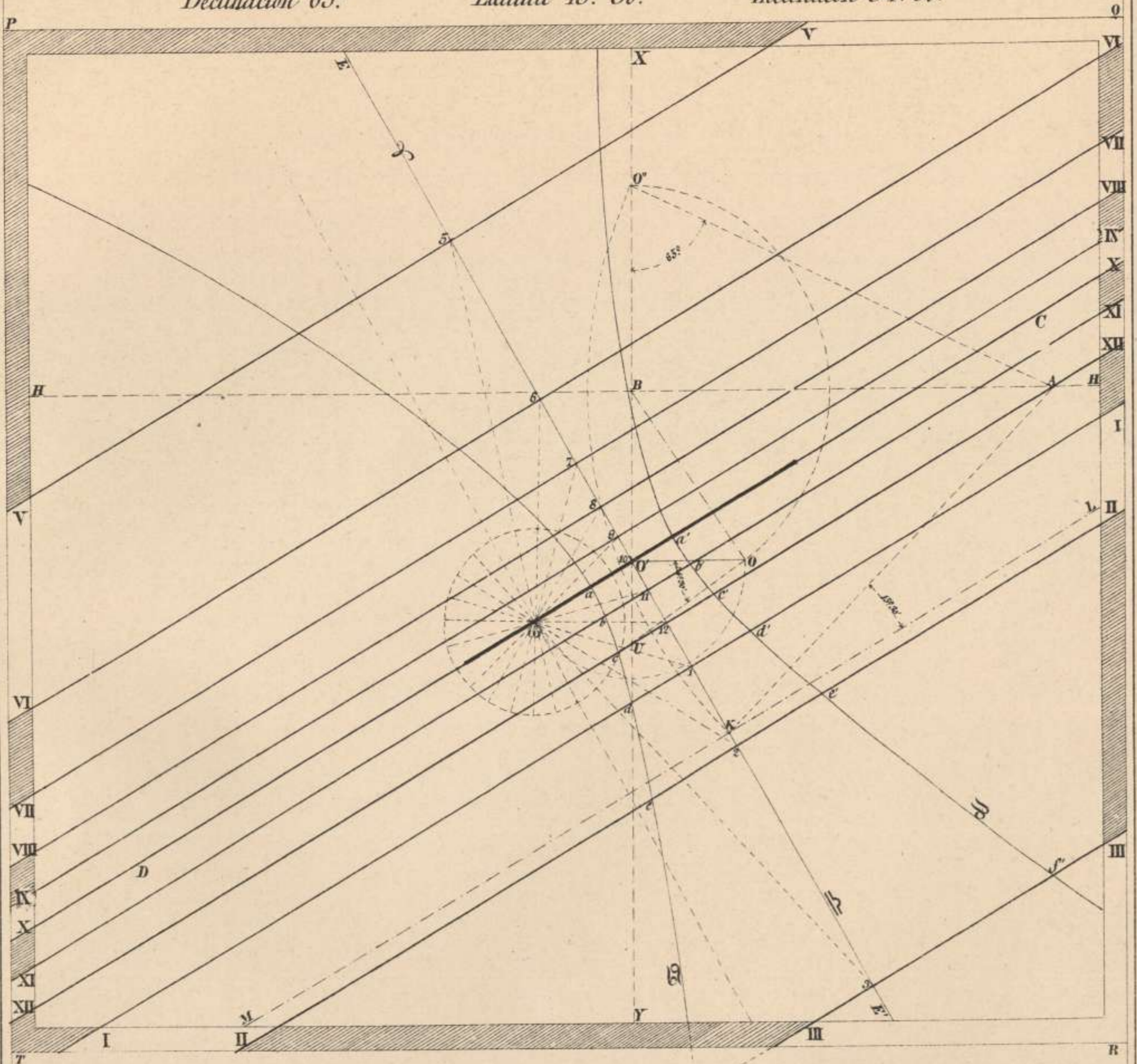


Fig^a 69.

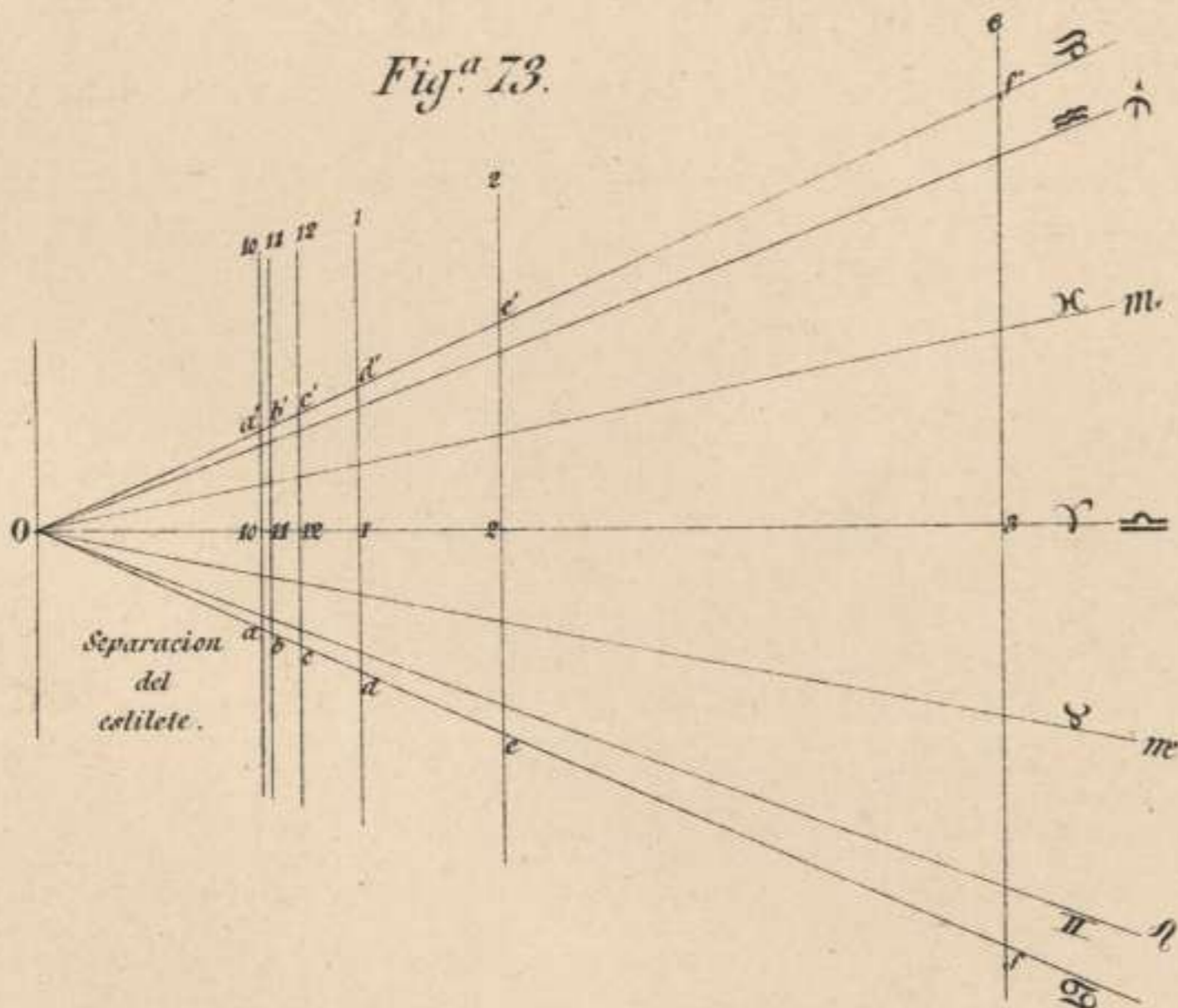


Fig^a 72.

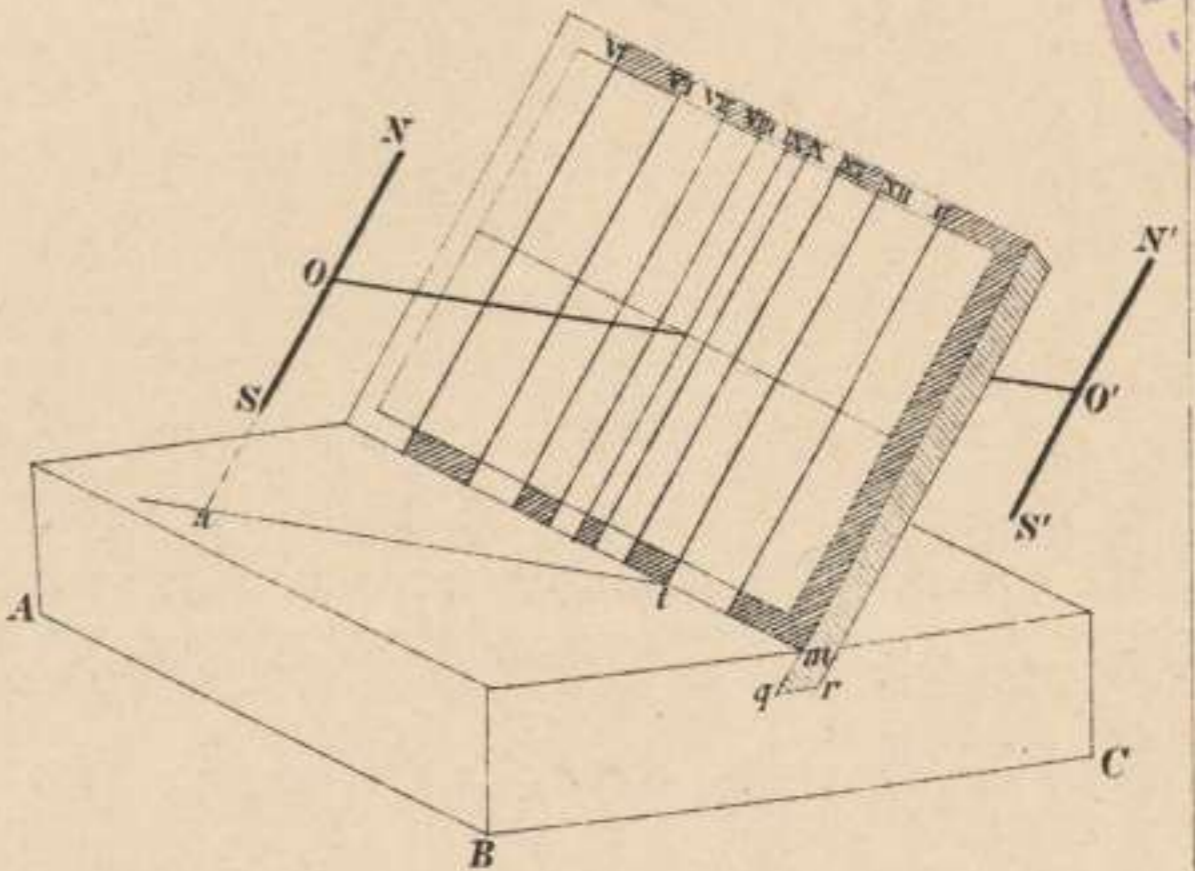
Reloj Polar declinante inclinado Meridional Oriental Superior.
Declinacion 65° Latitud 15° 30' Inclinacion 34° 30'



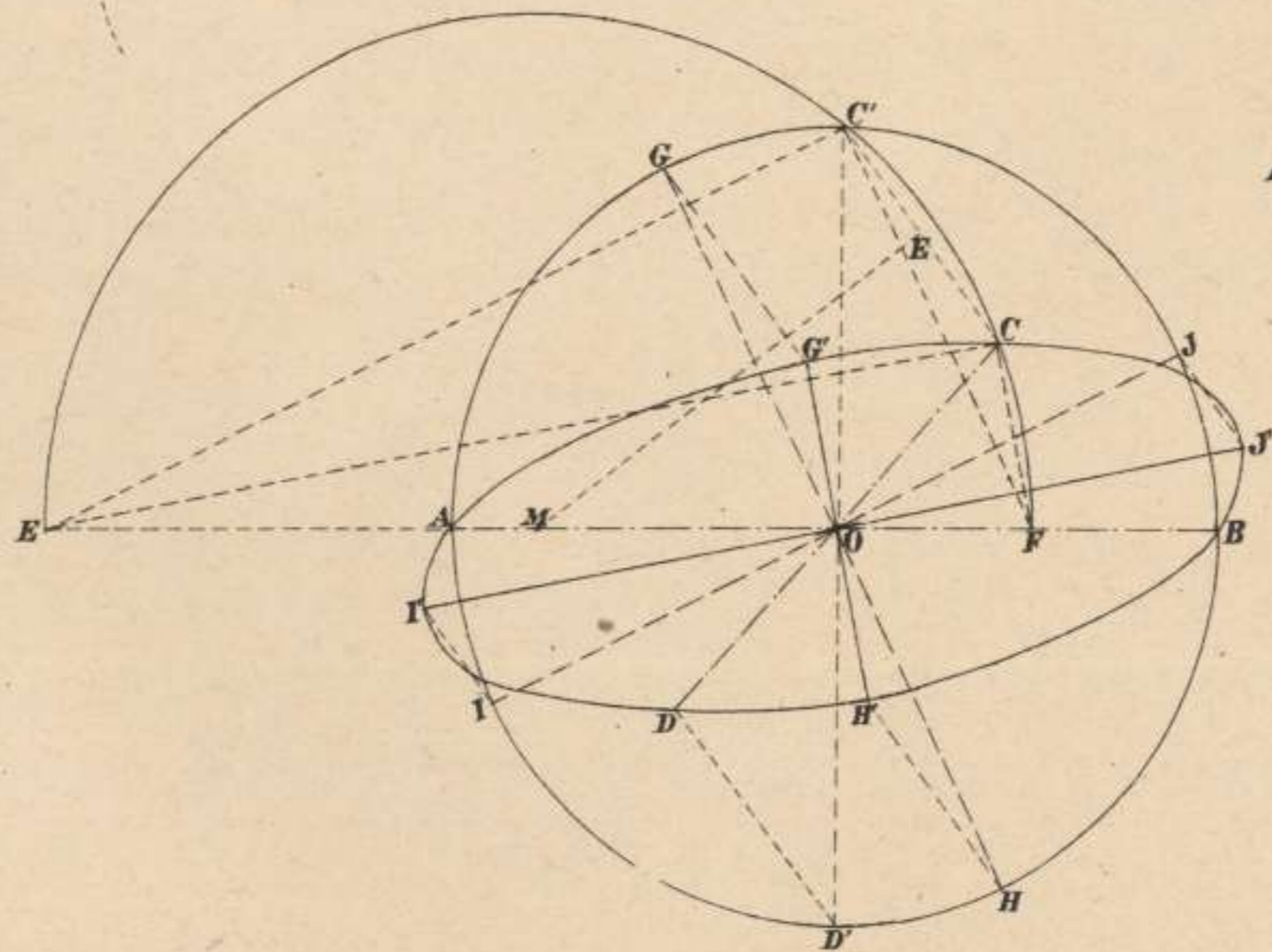
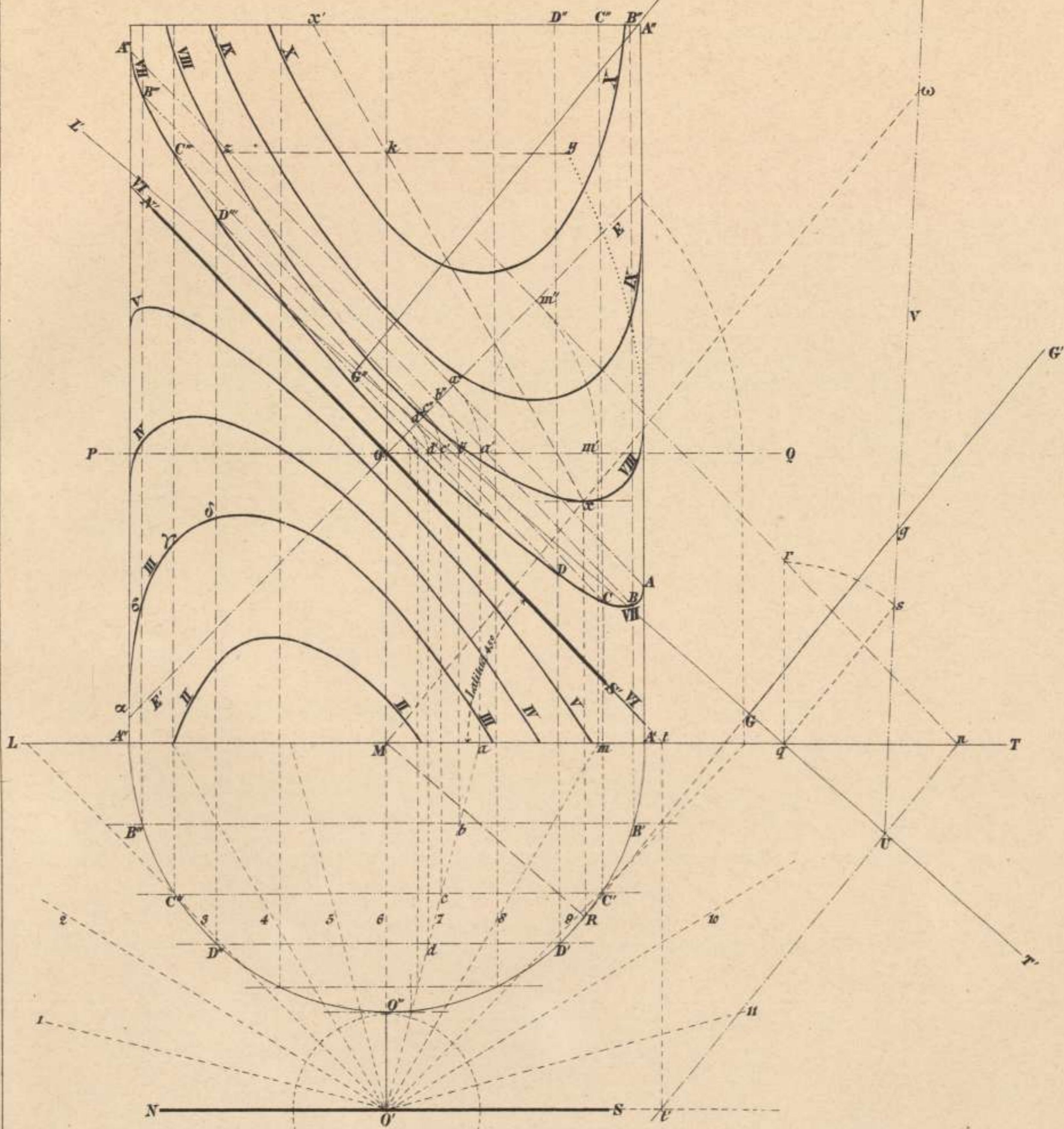
Fig^a 73.



Fig^a 74.



Fig^a 75.
Reloj cilindrico Occidental.
Latitud 45°

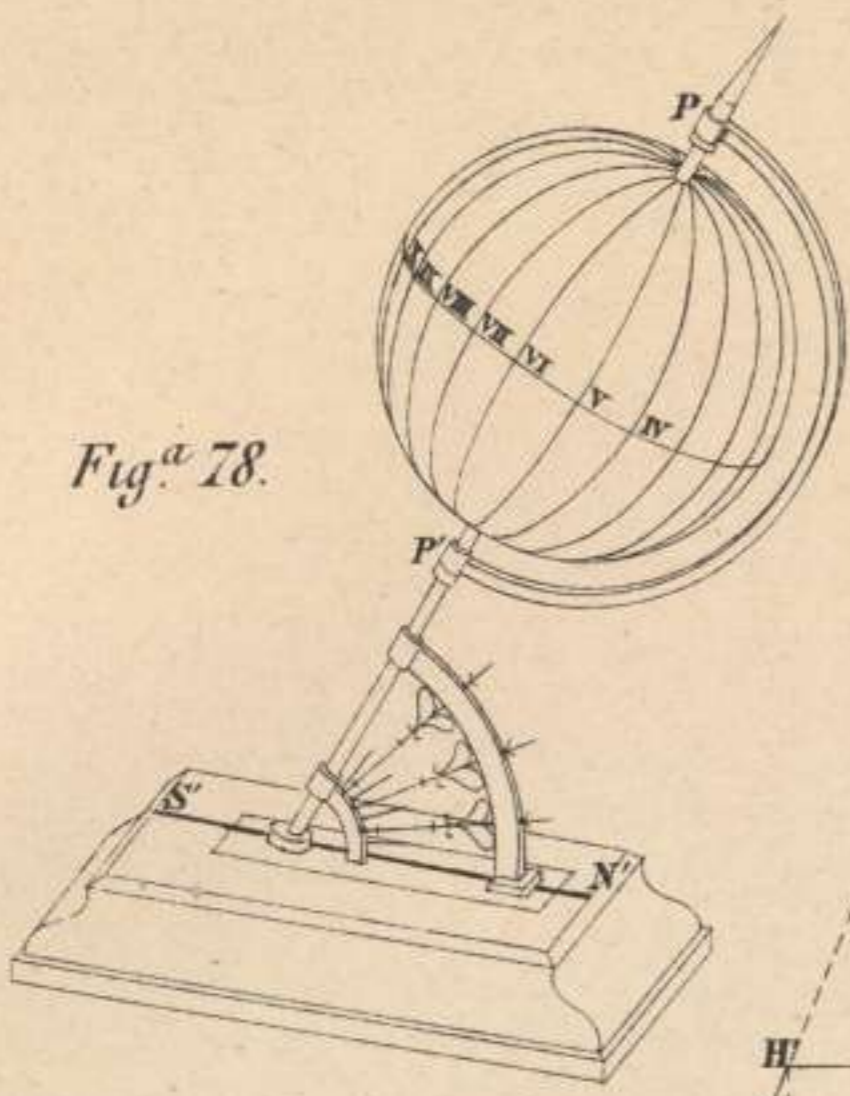


Fig^a 76.

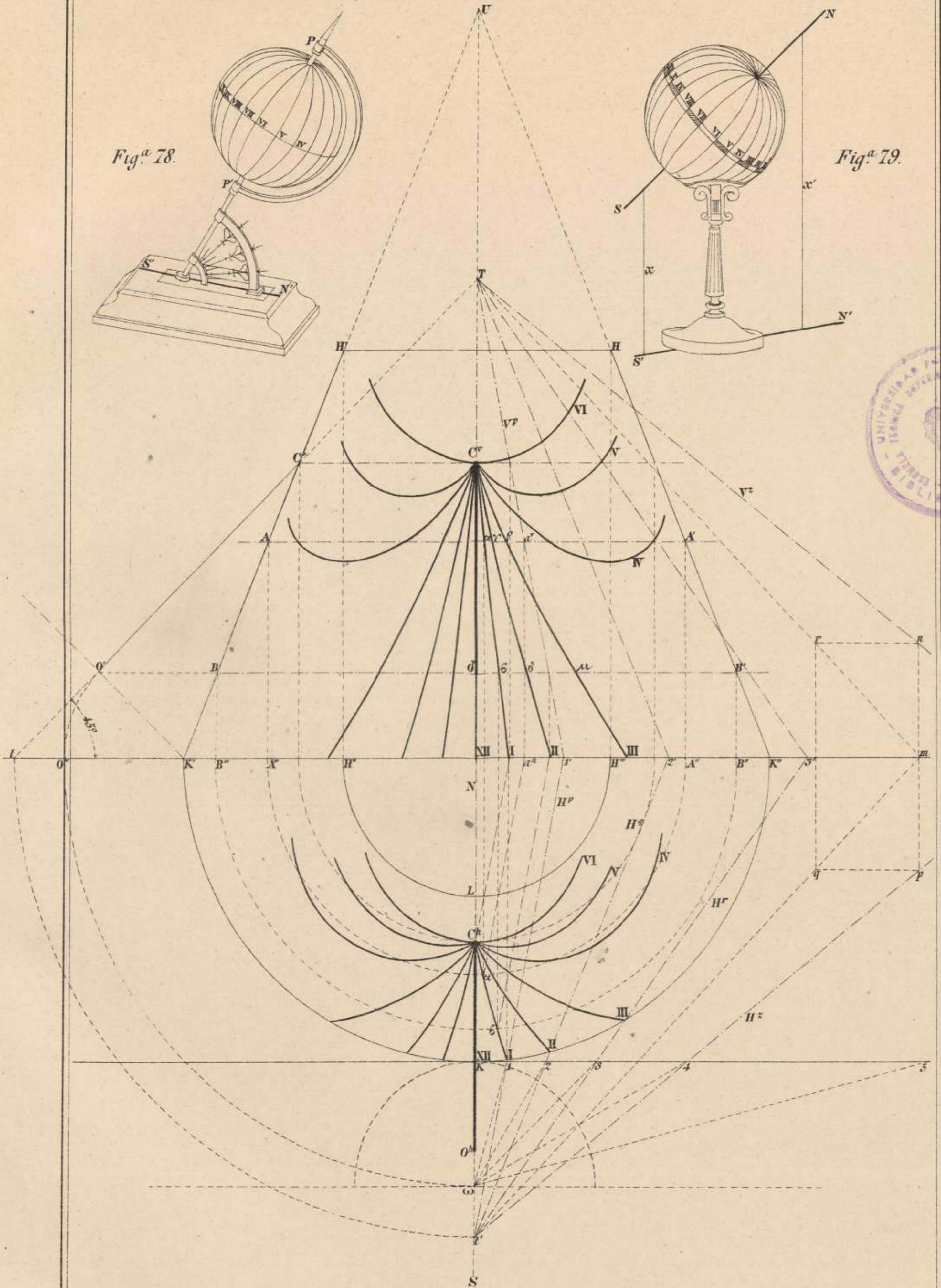
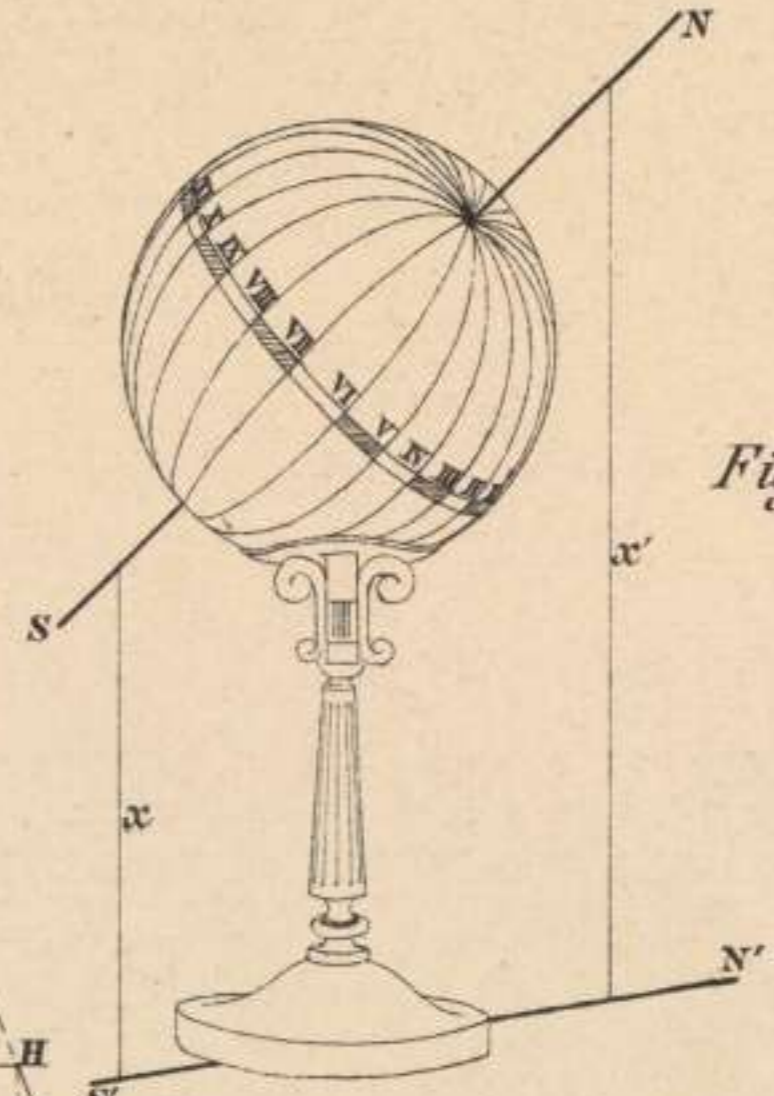


Fig^a 77. = Reloj cónico meridional. = Latitud 45°

Fig^a 78.

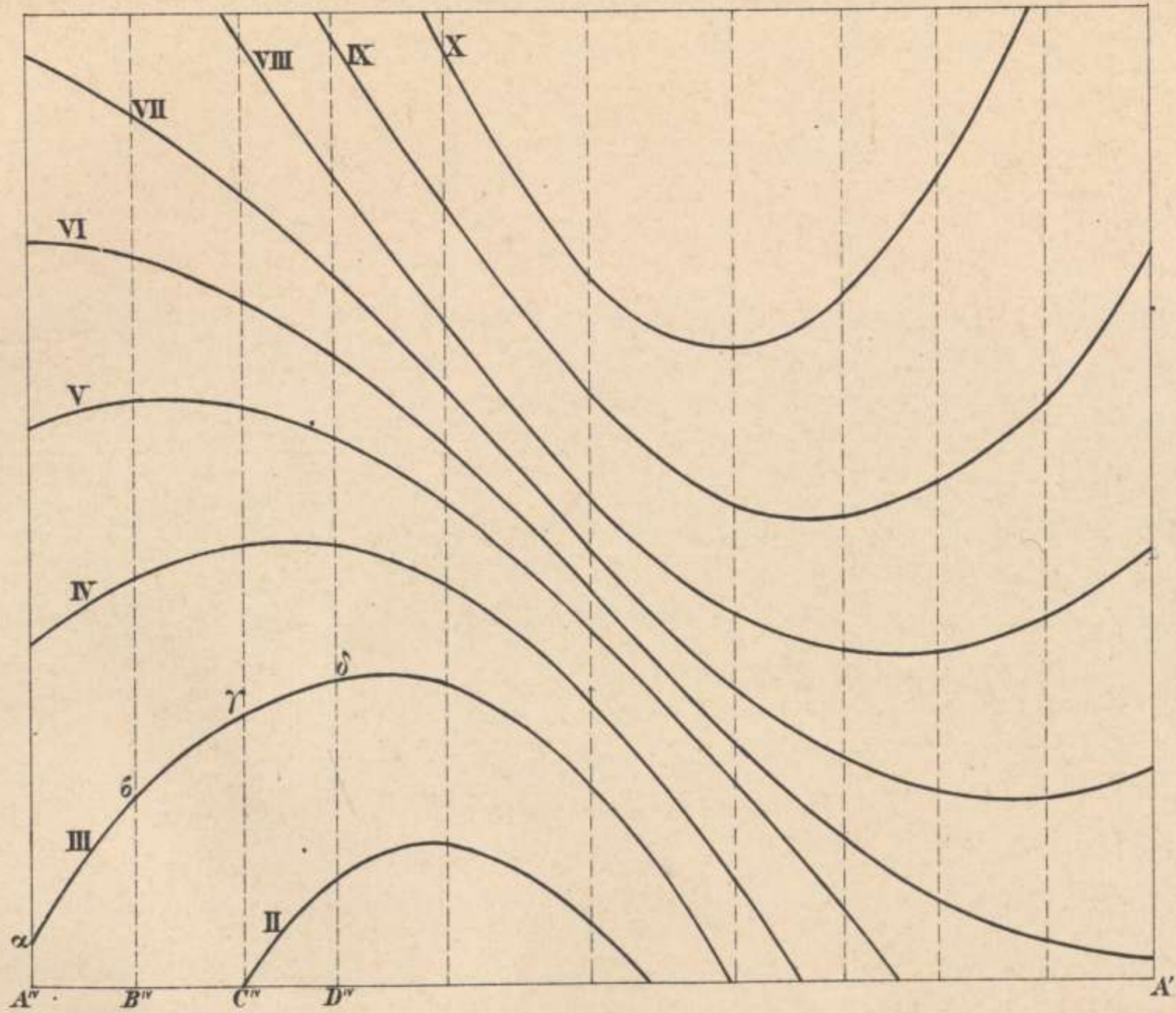


Fig^a 79.



Fig^a 80.

Desarrollo de la superficie del reloj cilíndrico correspondiente á la Fig^a 75.



Fig^a 81.

Desarrollo de la superficie del reloj cónico correspondiente á la Fig^a 77.

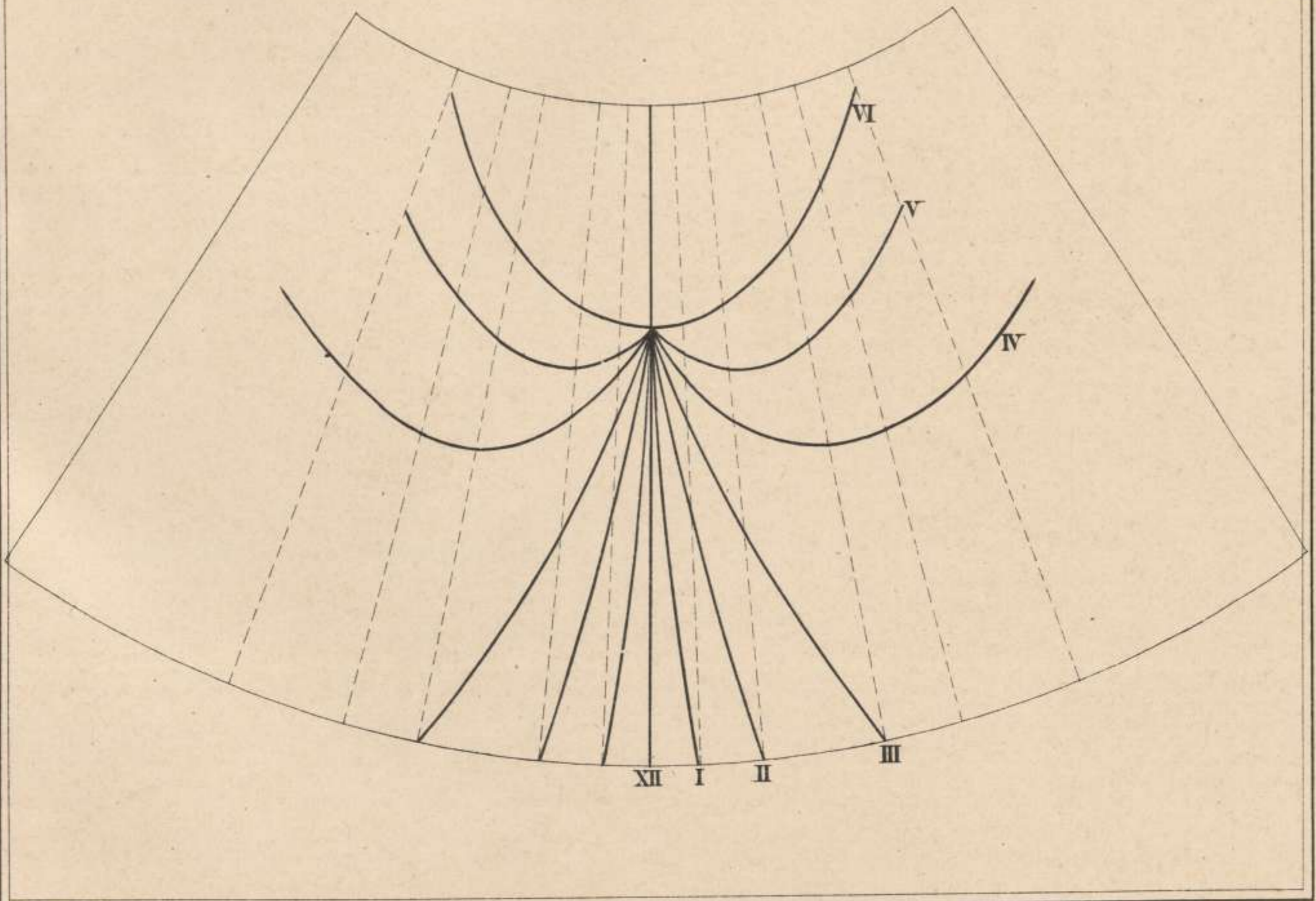


Fig.^a 82.

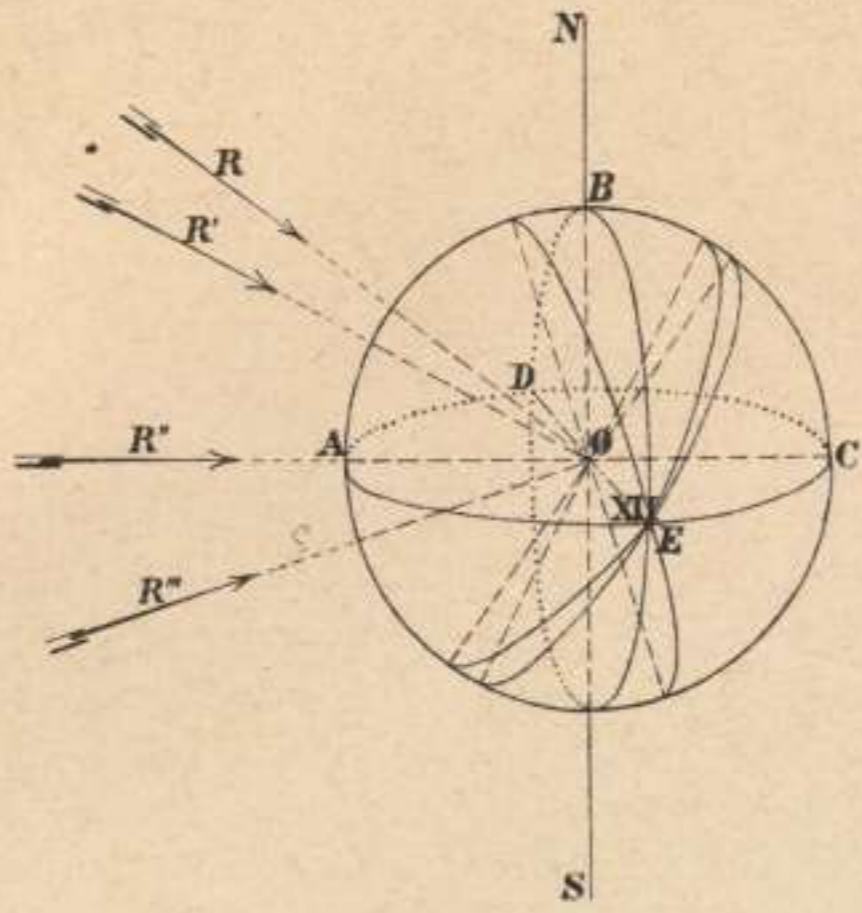


Fig.^a 83.

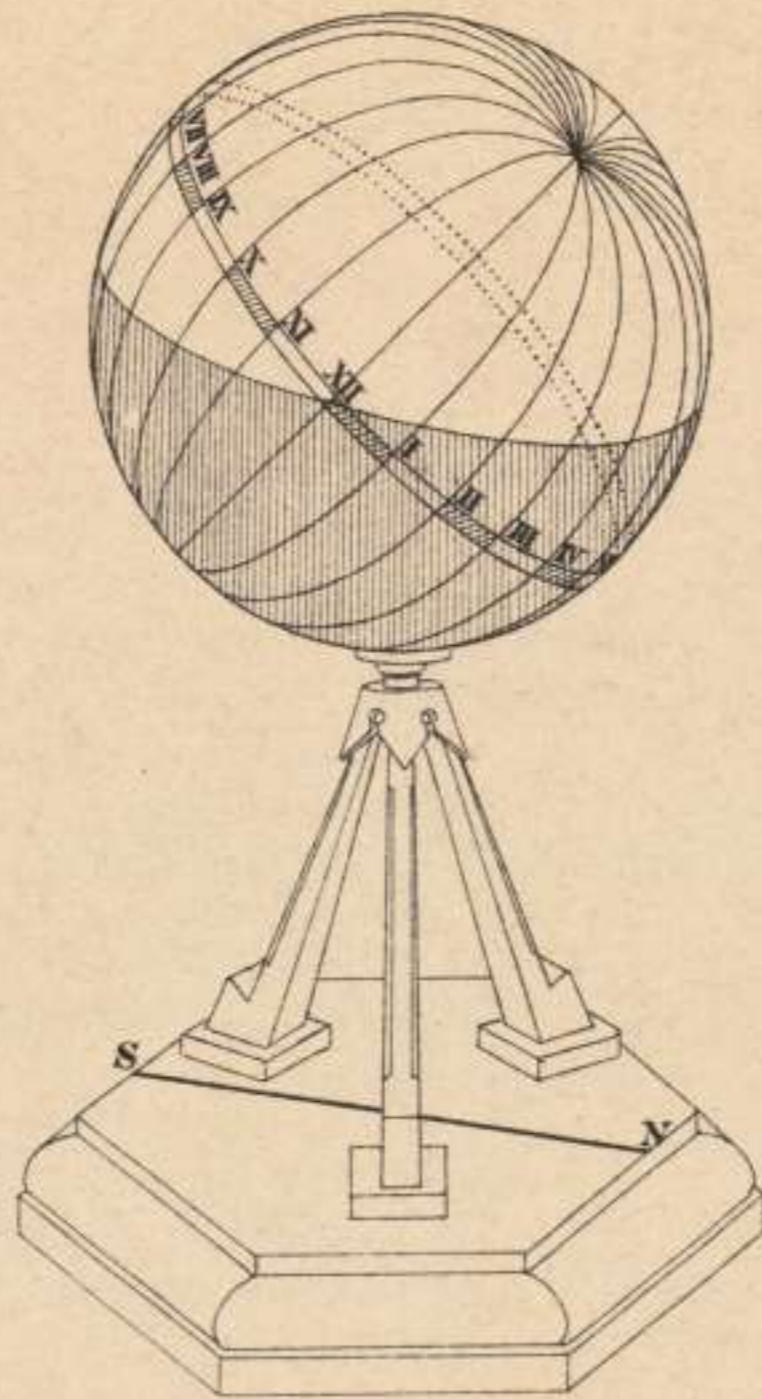


Fig.^a 84.

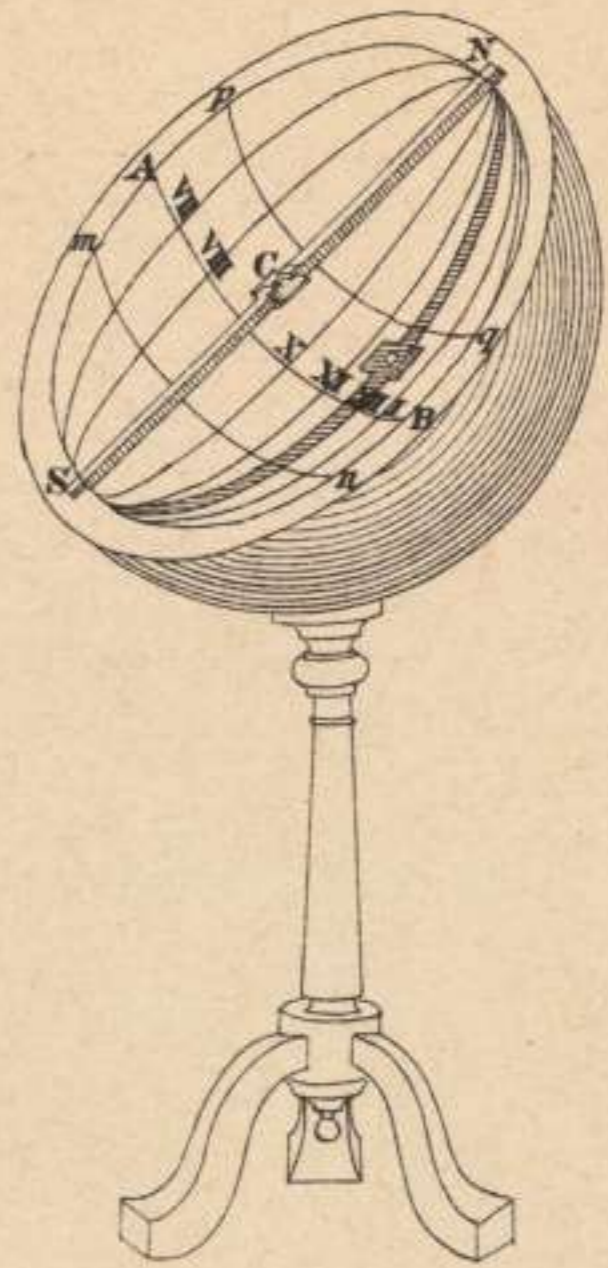


Fig.^a 85.

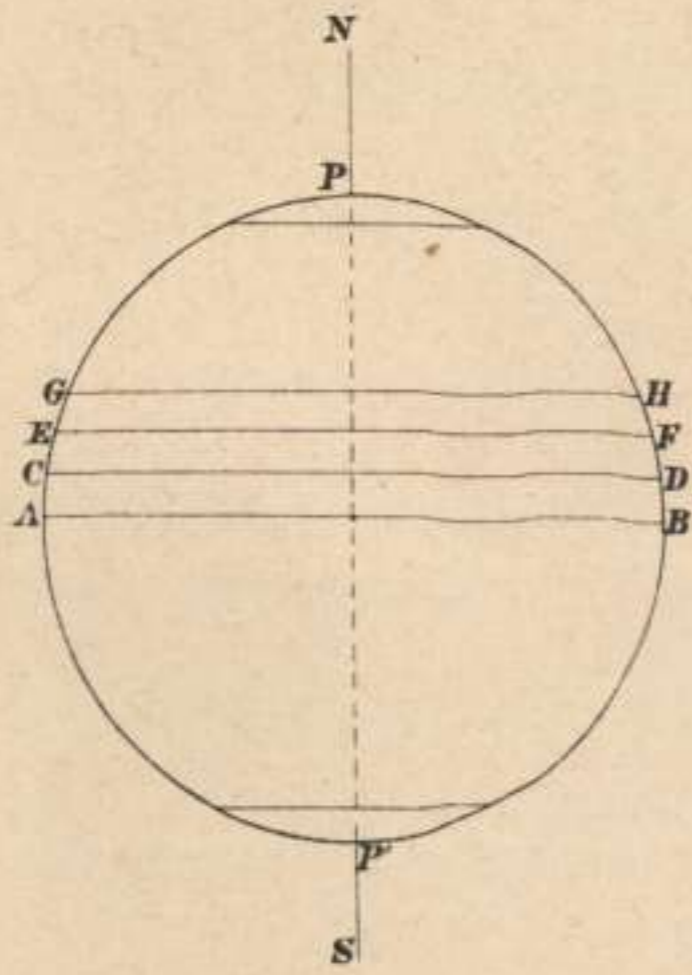


Fig.^a 86.

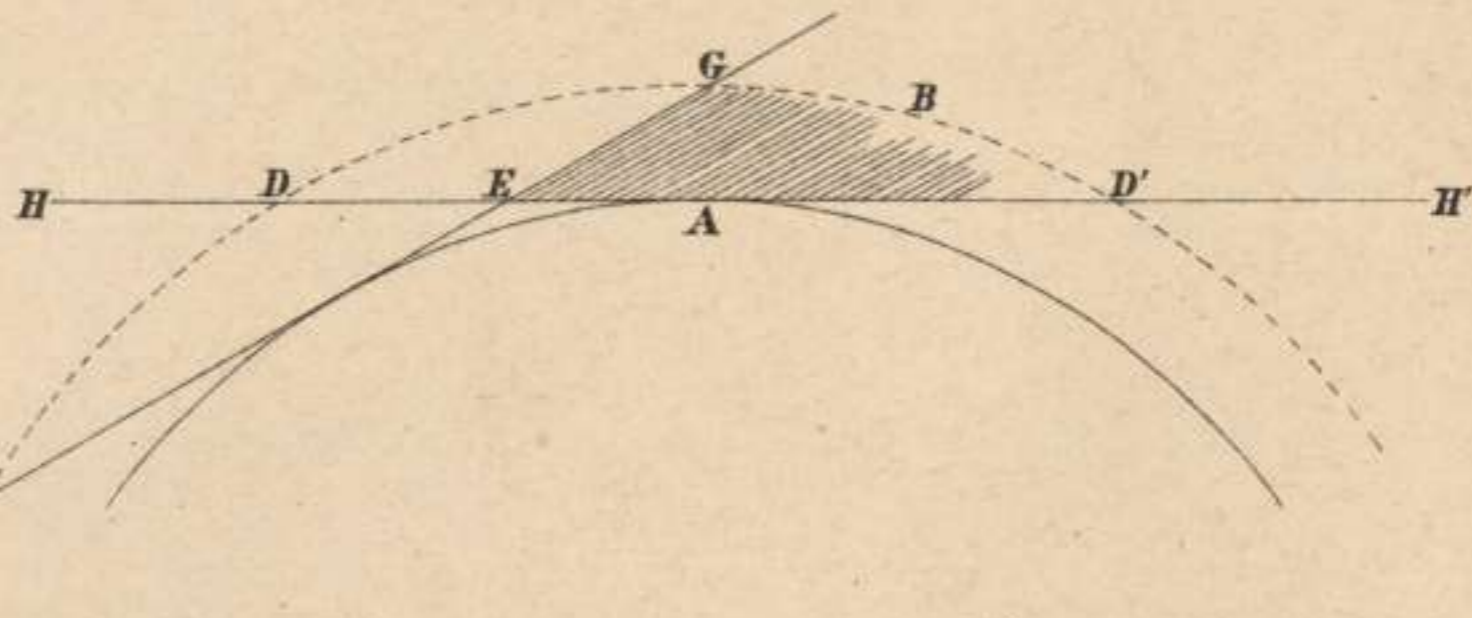


Fig.^a 87.

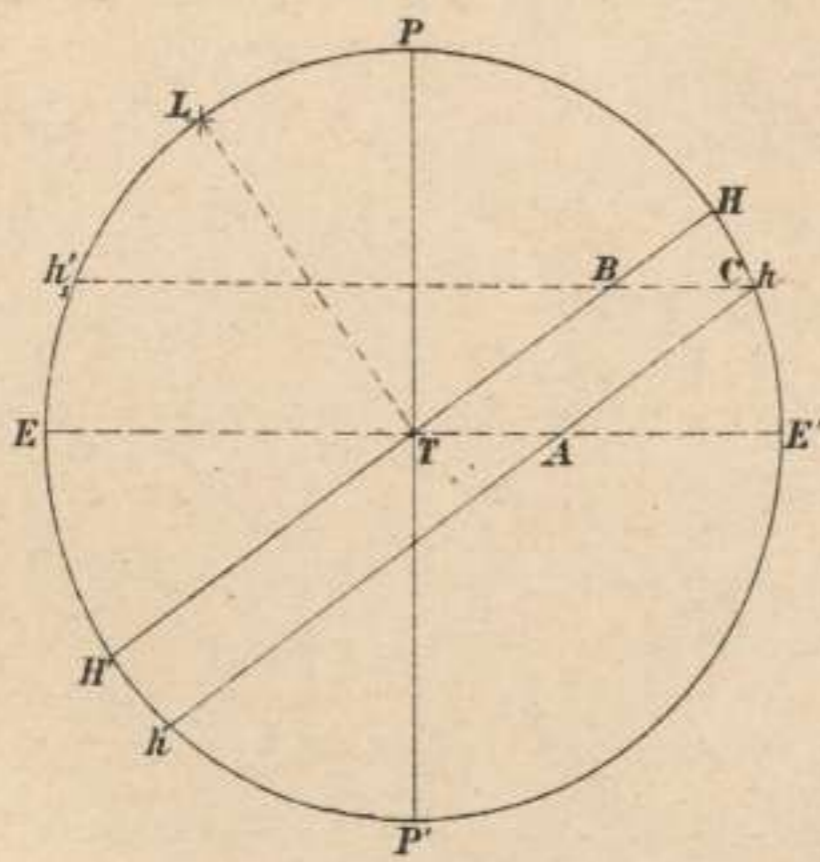


Fig.^a 88.

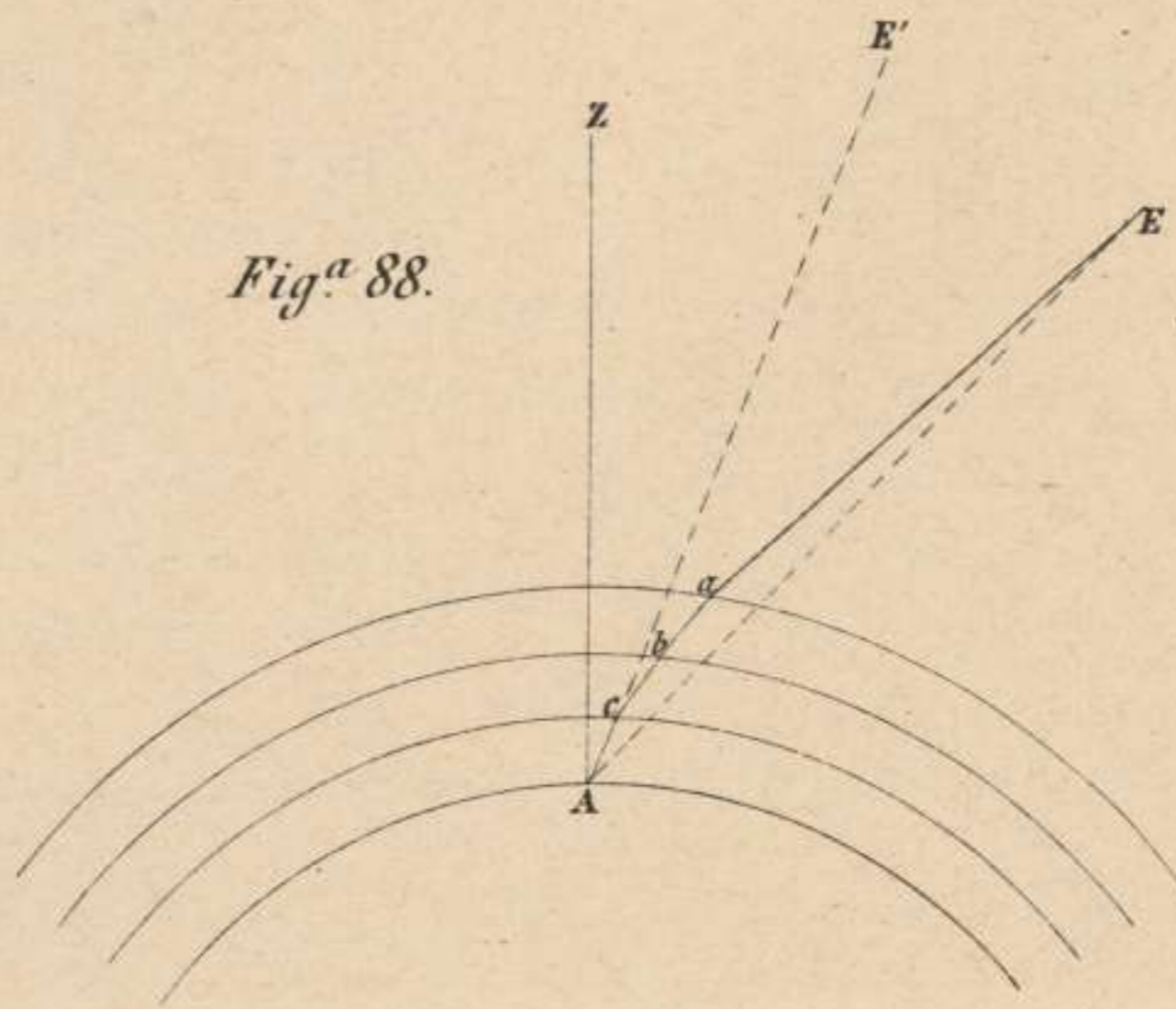


Fig.^a 90.

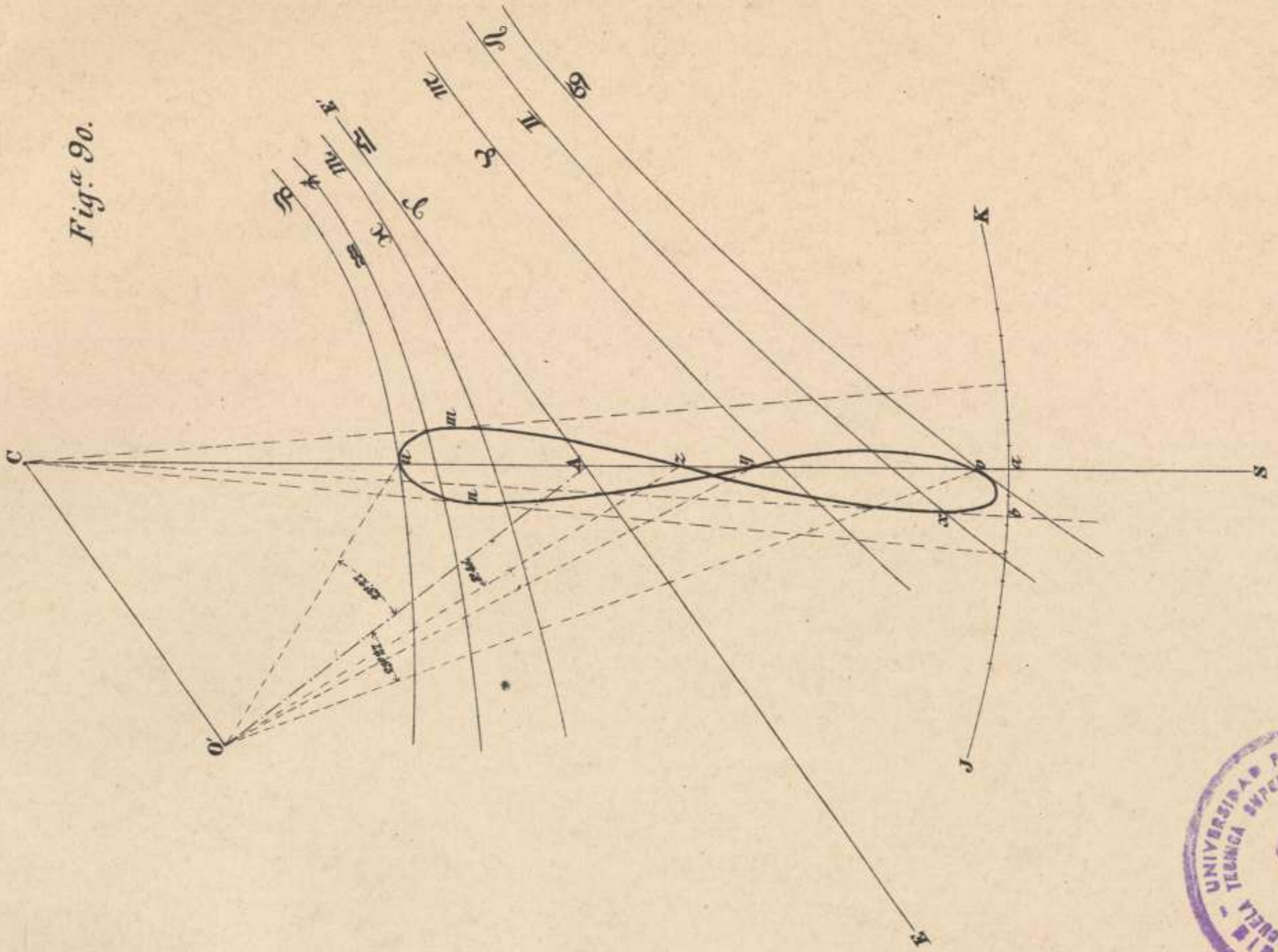
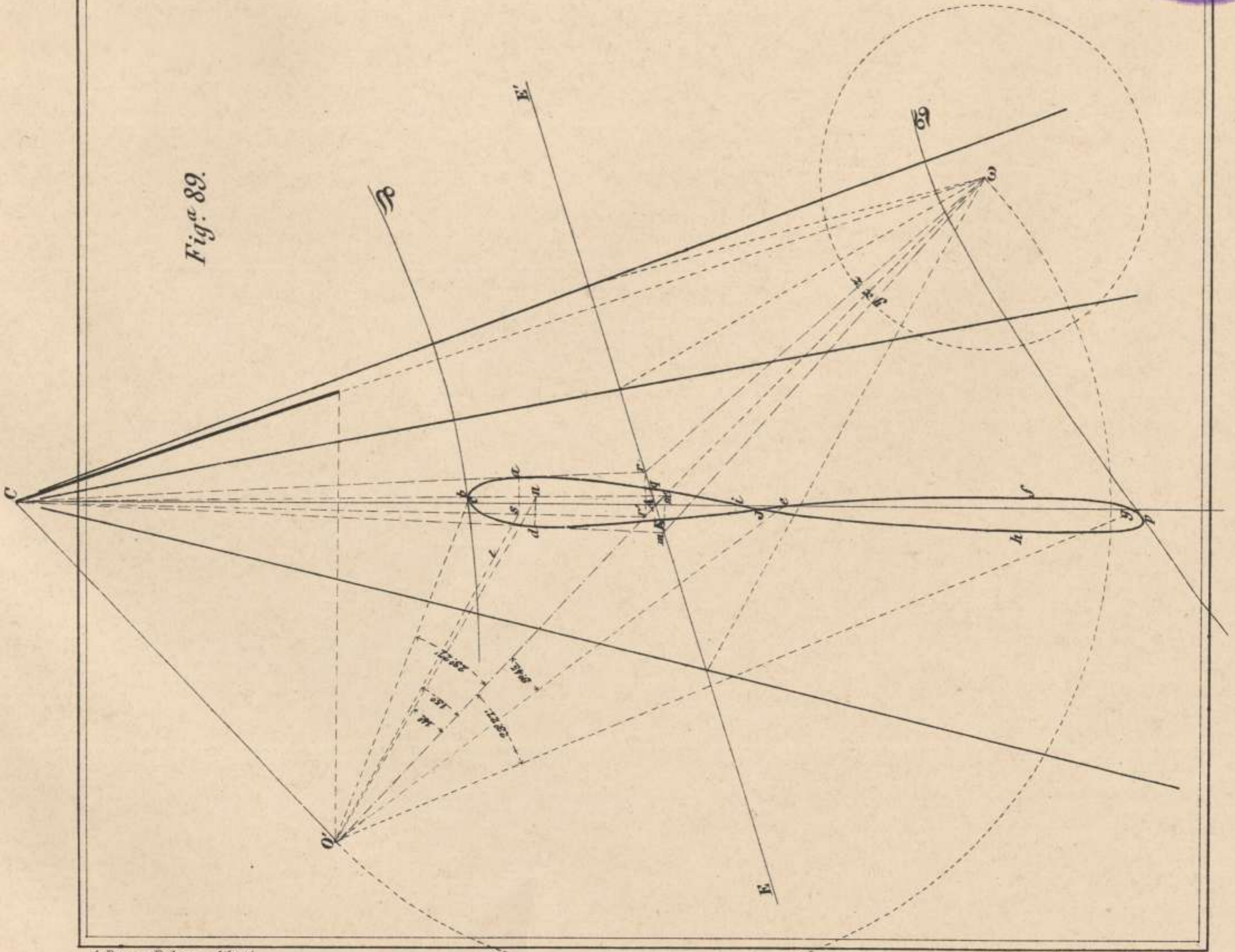


Fig.^a 89.



ÍNDICE DE LAS LÁMINAS

- LÁMINA 1.^a Ideas generales.
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 - » 5.^a Reloj Horizontal (1.^a solución).
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