

COURS

DE

MATHÉMATIQUES.

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Le dépôt légal de cet Ouvrage (tome III) a été fait à Paris dans le cours du mois de décembre 1862, et toutes les formalités prescrites par les Traités sont remplies dans les divers Etats avec lesquels la France a conclu des conventions littéraires.

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Tout exemplaire du présent Ouvrage qui ne porterait pas, comme ci-dessous, la griffe du Libraire-Éditeur, sera réputé contrefait. Les mesures nécessaires seront prises pour atteindre, conformément à la loi, les fabricants et les débiteurs de ces Exemplaires.

*Mallet-Bachelier*



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PARIS. — IMPRIMERIE DE MALLET-BACHELIER,  
RUE DE SEINE-SAINT-GERMAIN, 10, PRÈS L'INSTITUT.

722

# COURS

DE

# MATHÉMATIQUES

A L'USAGE

DES CANDIDATS A L'ÉCOLE CENTRALE DES ARTS ET MANUFACTURES,

ET DE TOUS LES ÉLÈVES QUI SE DESTINENT AUX ÉCOLES  
DU GOUVERNEMENT.

PAR CHARLES DE COMBEROUSSE,

INGÉNIEUR CIVIL,

Examinateur d'Admission à l'École Centrale des Arts et Manufactures, Répétiteur de Mécanique  
appliquée à la même École, Professeur de Mathématiques et de Mécanique au Collège Chaptal.

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*TOME TROISIÈME.*

GÉOMÉTRIE ANALYTIQUE PLANE ET DANS L'ESPACE.  
ÉLÉMENTS DE GÉOMÉTRIE DESCRIPTIVE.

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ATLAS DE 53 PLANCHES CONTENANT 274 FIGURES.

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PARIS,

MALLET-BACHELIER, IMPRIMEUR-LIBRAIRE

DU BUREAU DES LONGITUDES, DE L'OBSERVATOIRE IMPÉRIAL DE PARIS,

Quai des Augustins, 55.

1862

(L'Auteur et l'Éditeur de cet Ouvrage se réservent le droit de traduction.)



1911

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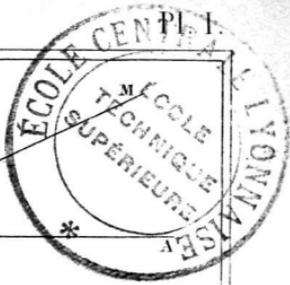


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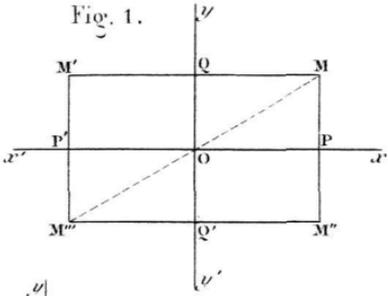


Fig. 2.

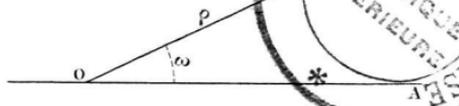


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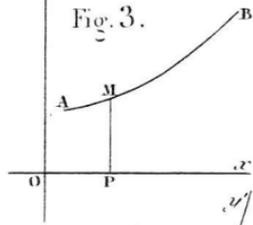


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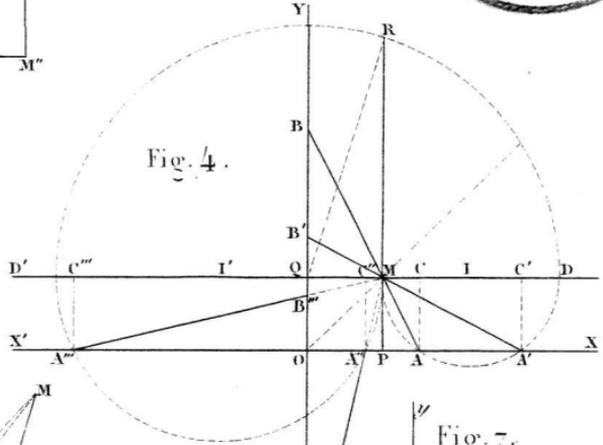


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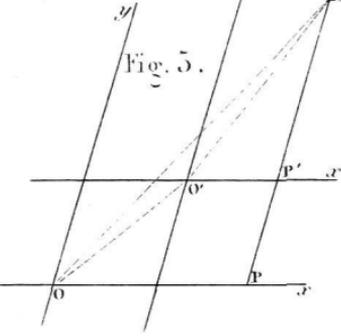


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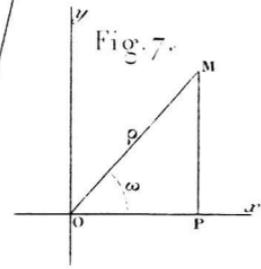


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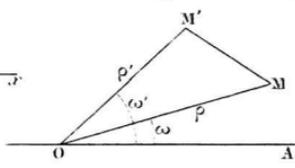


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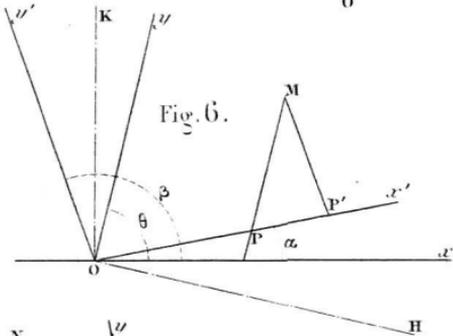


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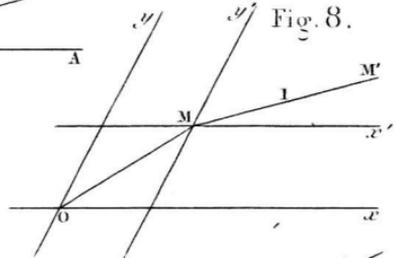


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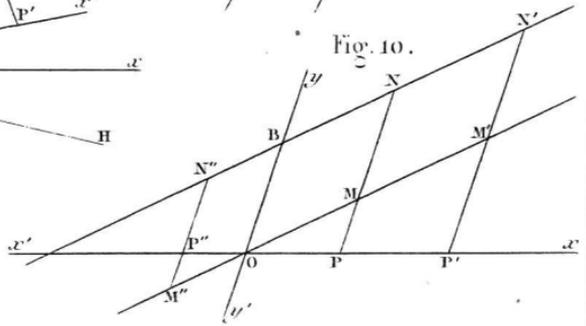
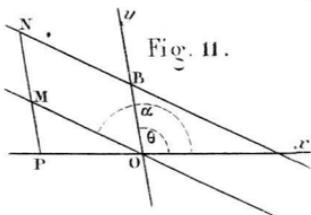
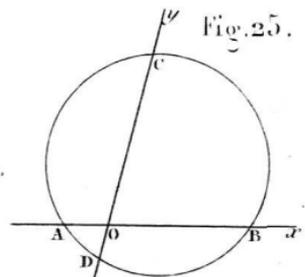
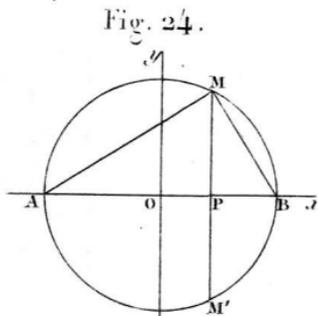
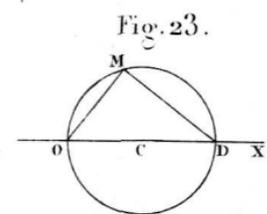
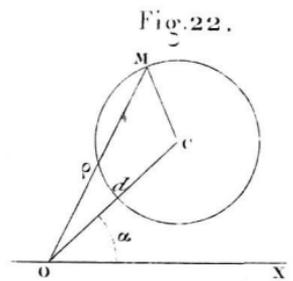
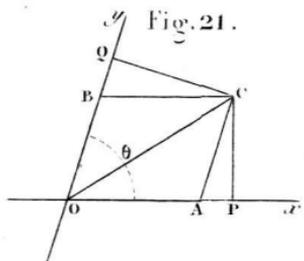
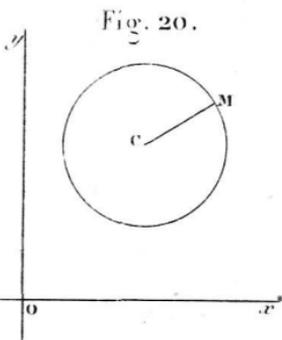
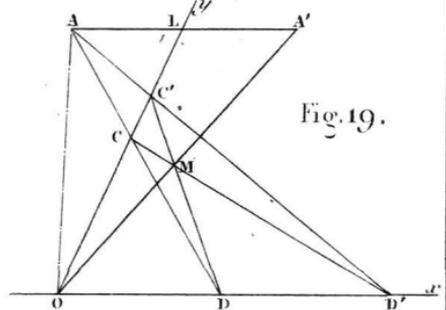
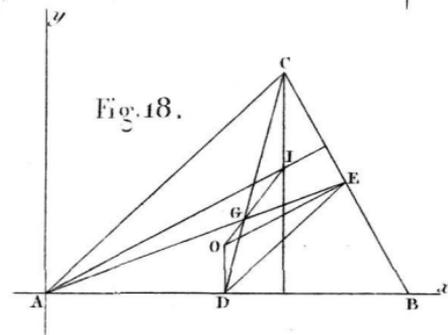
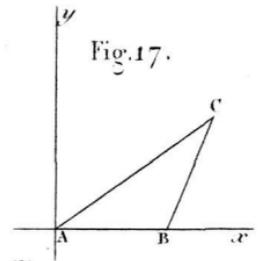
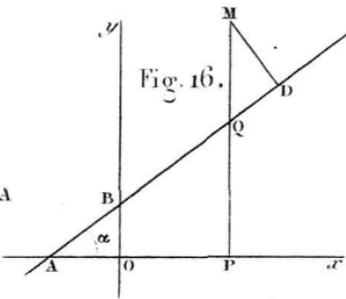
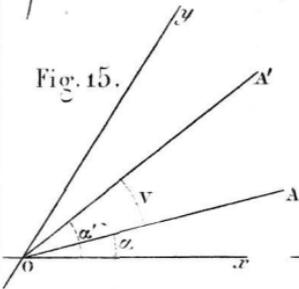
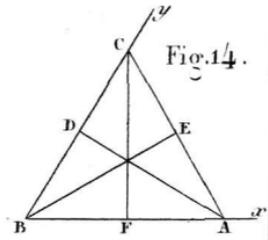
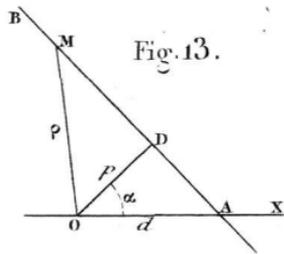
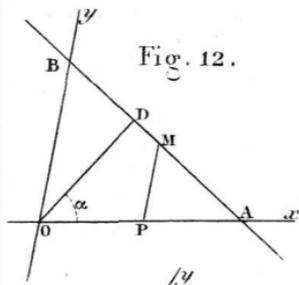


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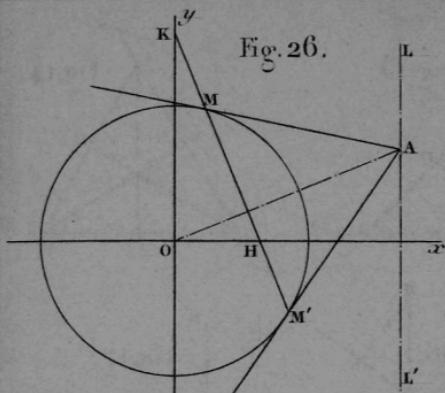


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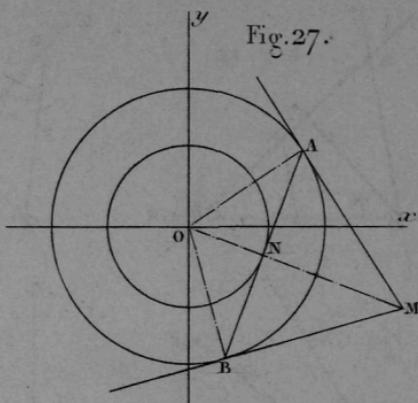


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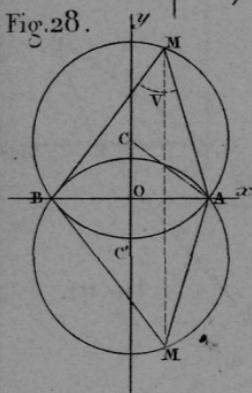


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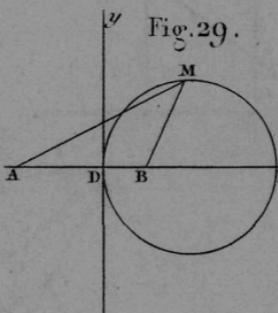


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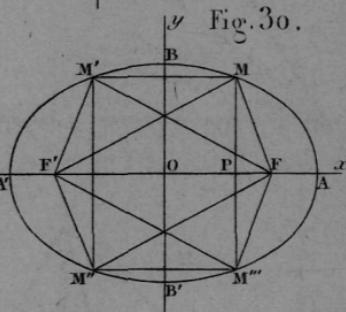


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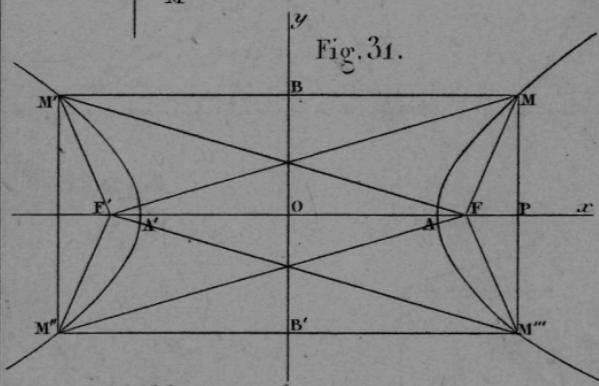


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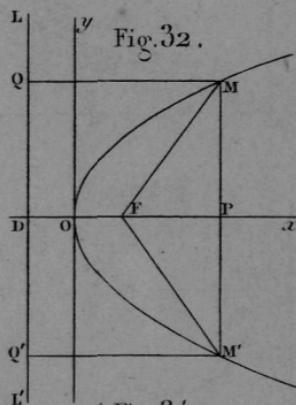


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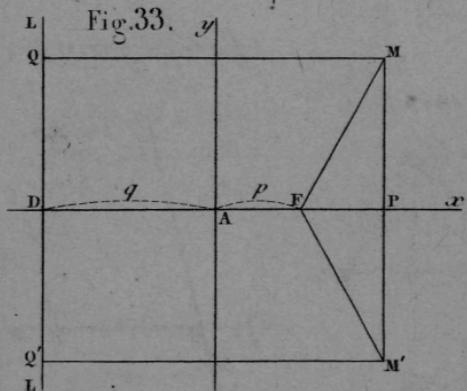


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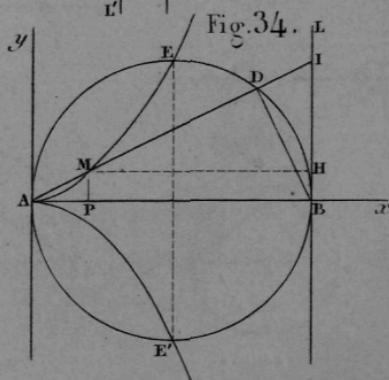


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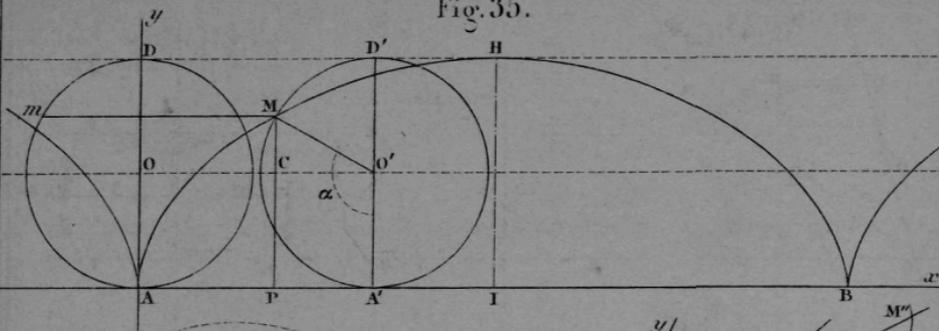


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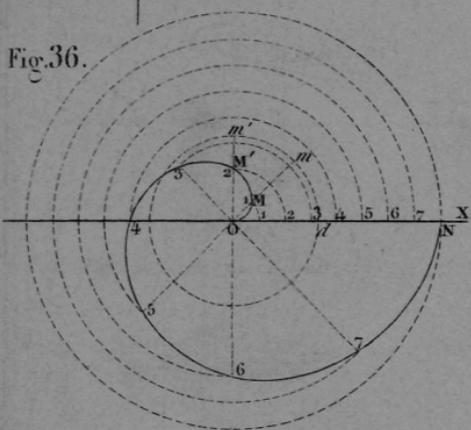


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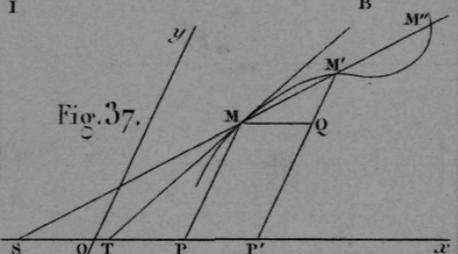


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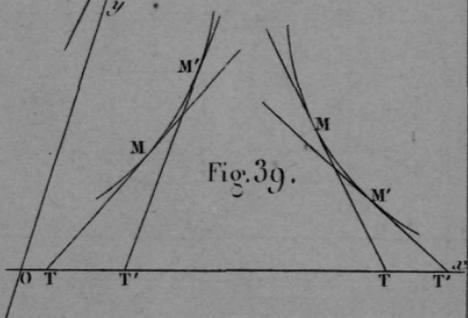


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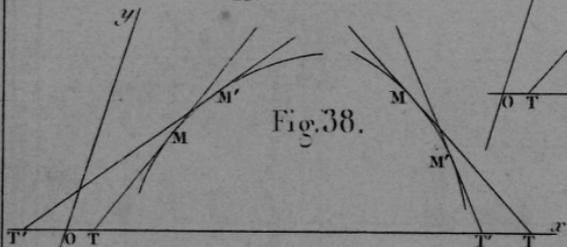


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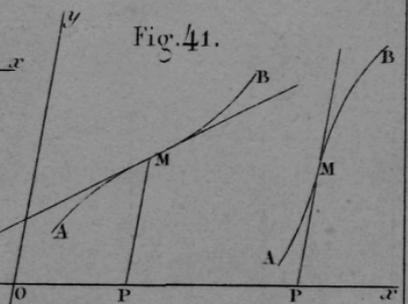


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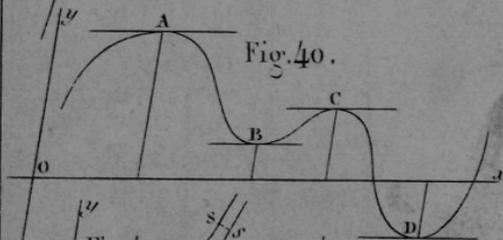


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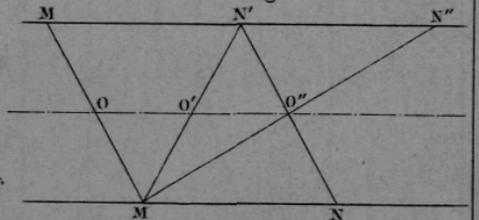


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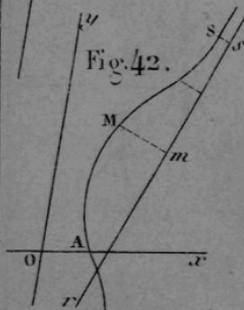
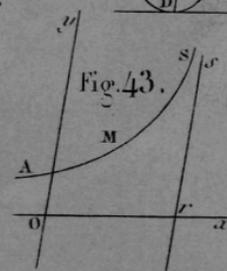


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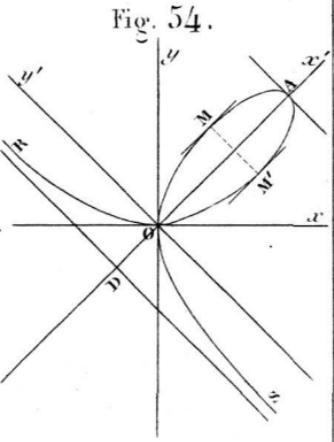
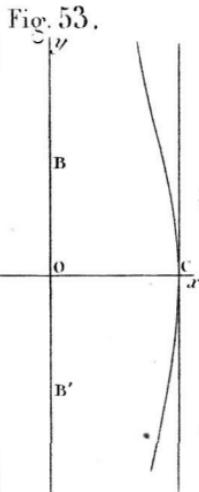
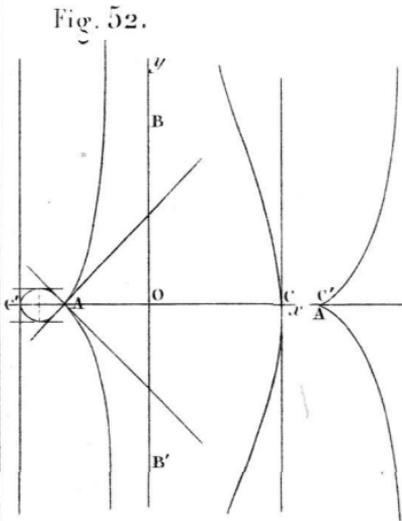
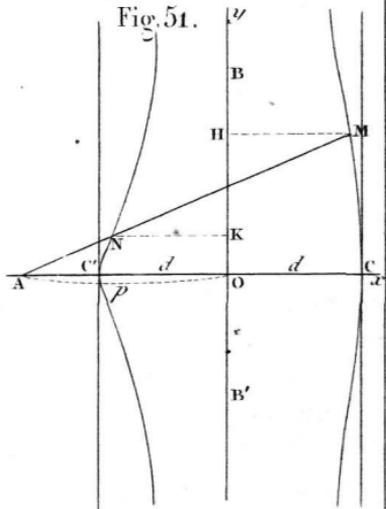
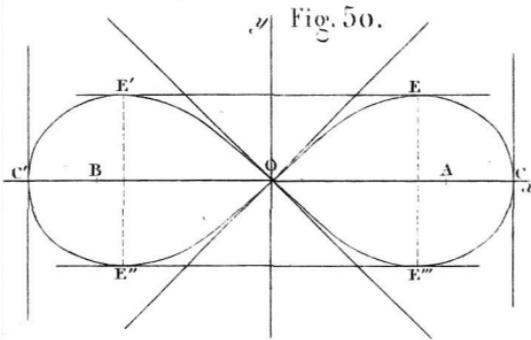
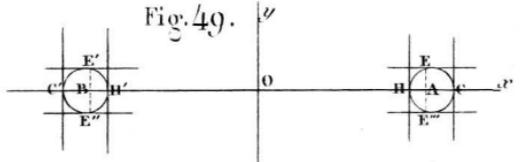
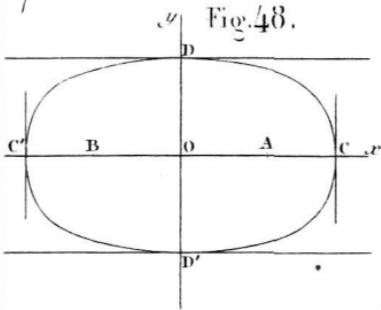
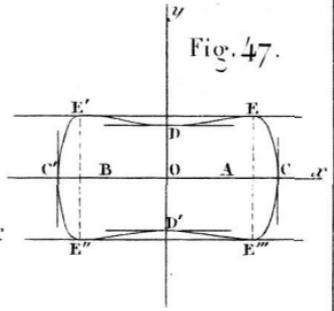
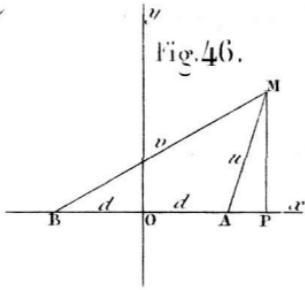
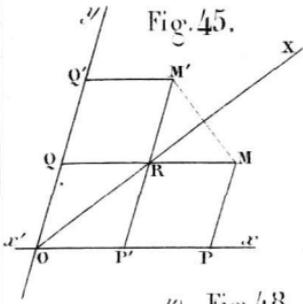




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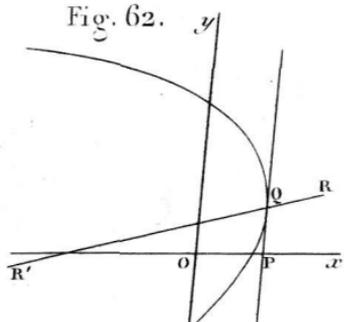


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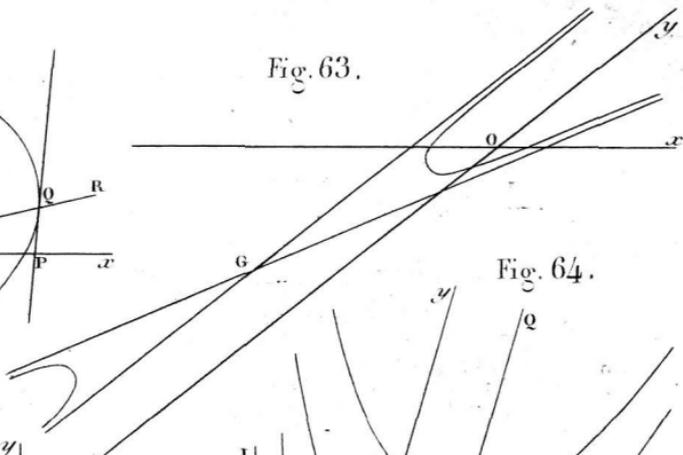


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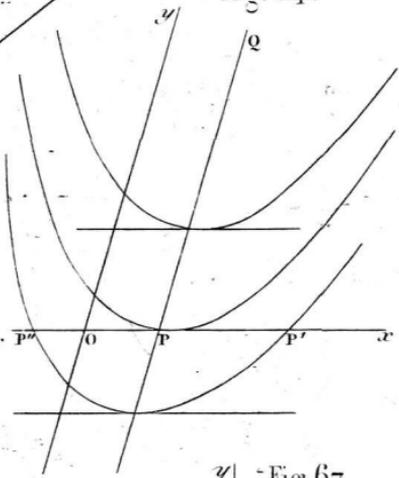


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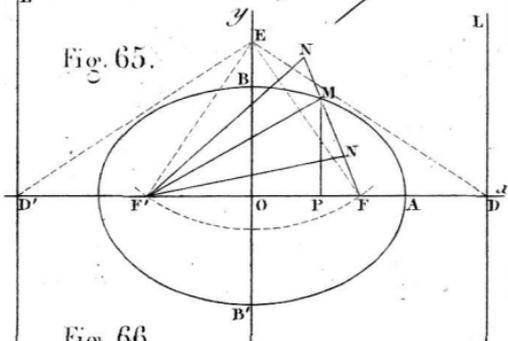


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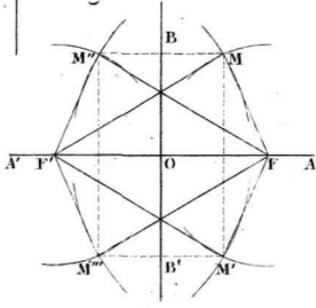


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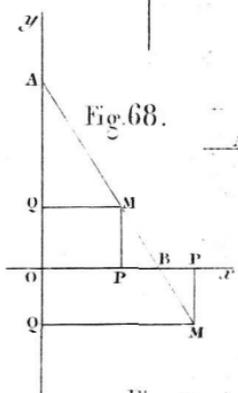


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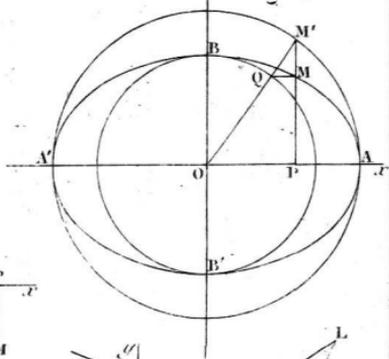


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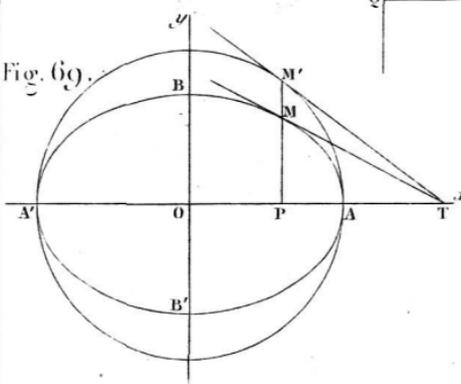


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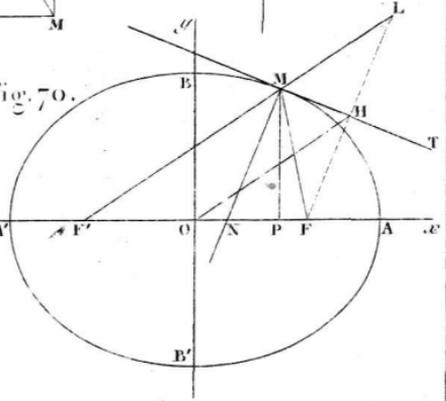


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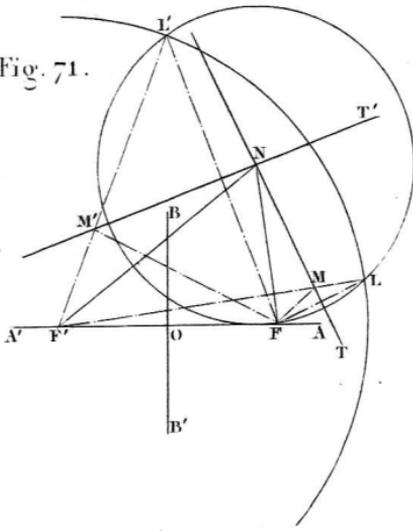


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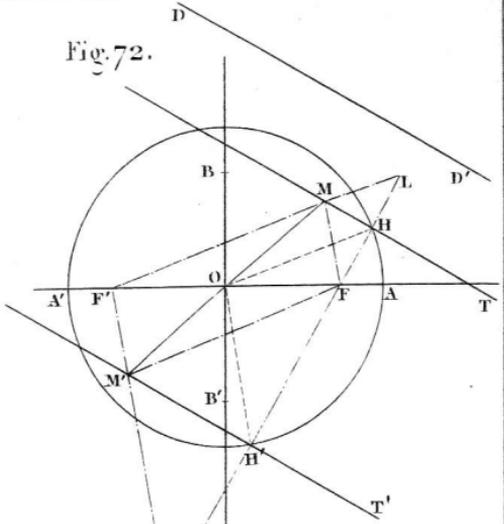


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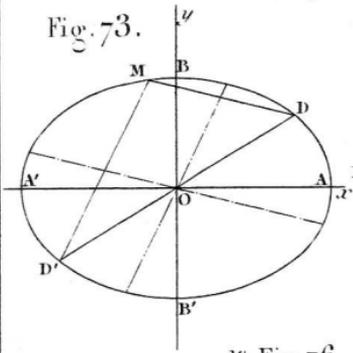


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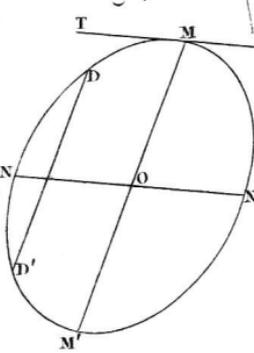


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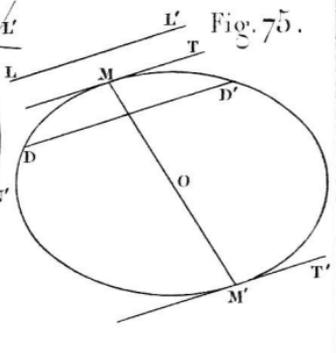


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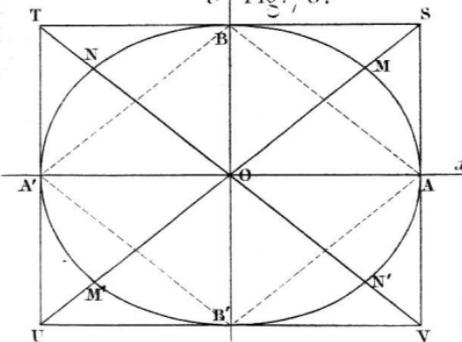


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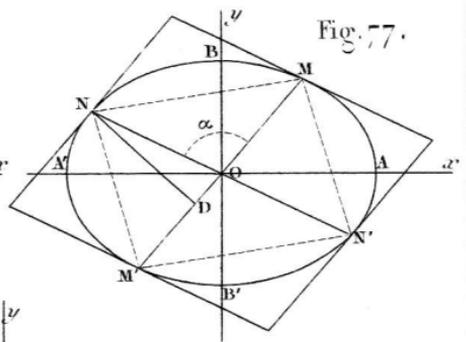


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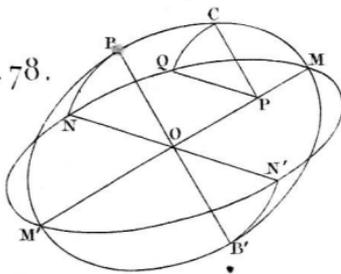


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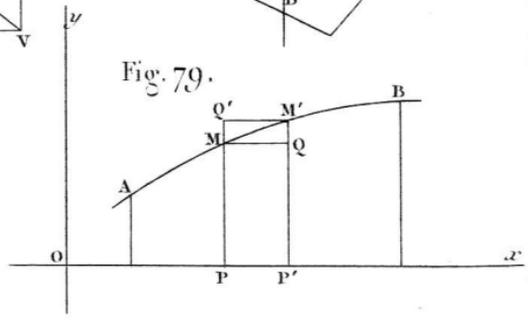


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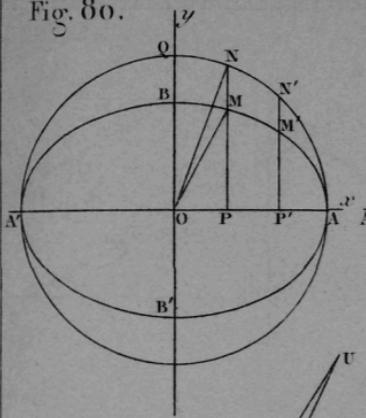


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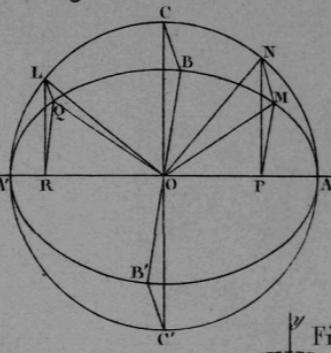


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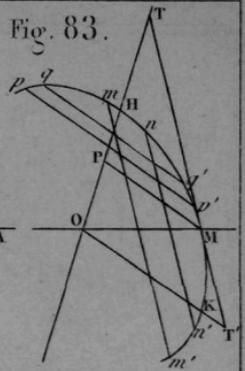


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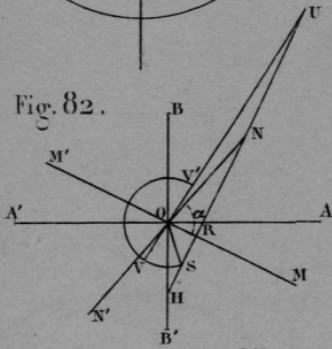


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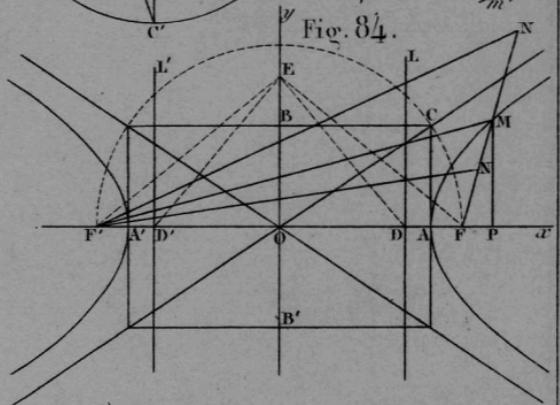


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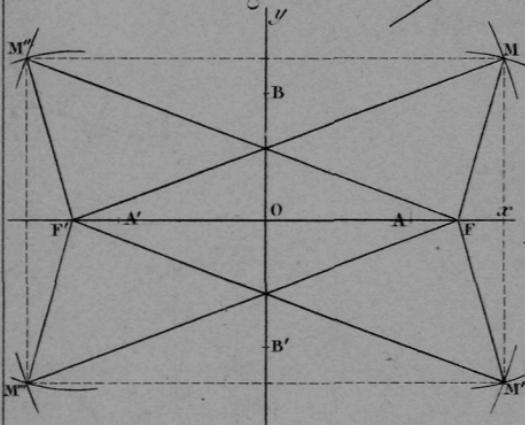


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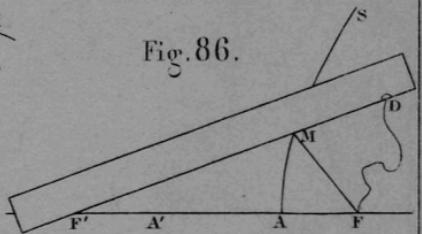


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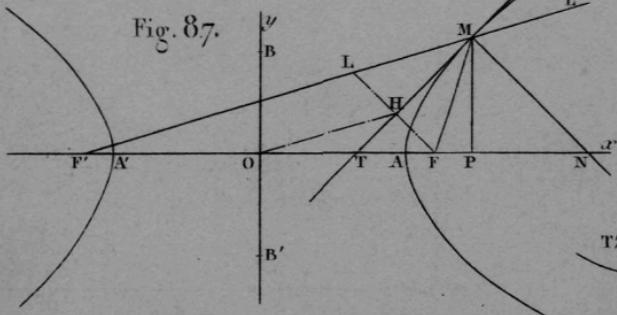
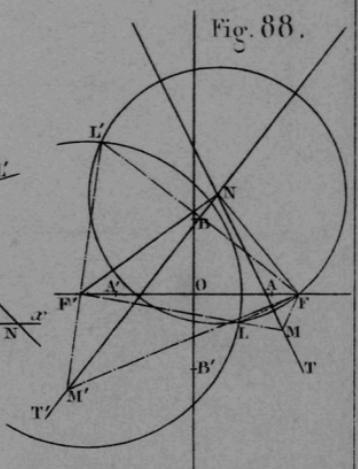


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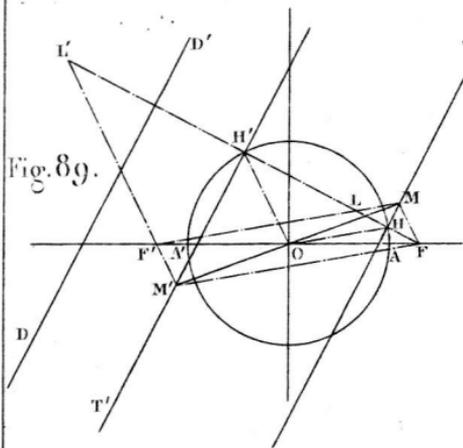


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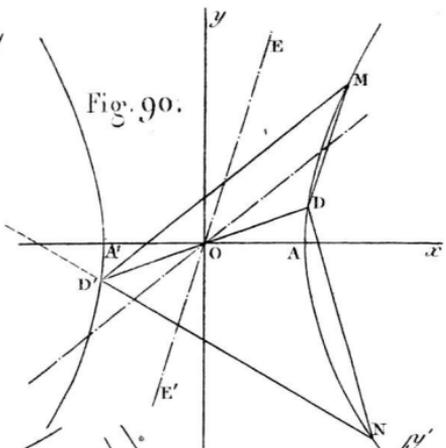


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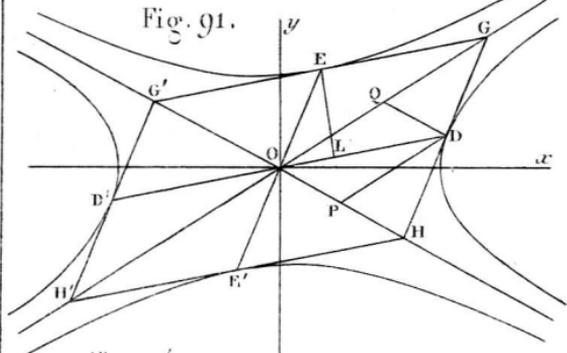


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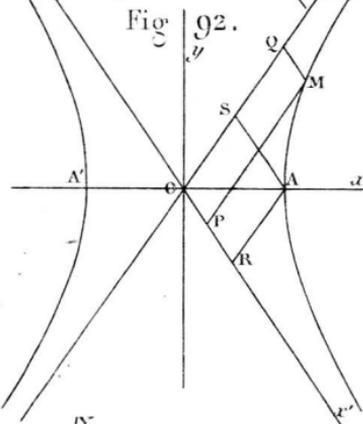


Fig. 92.

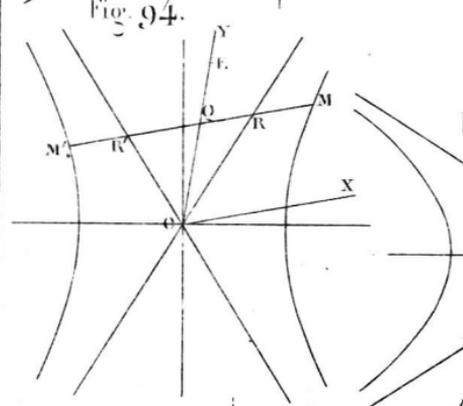


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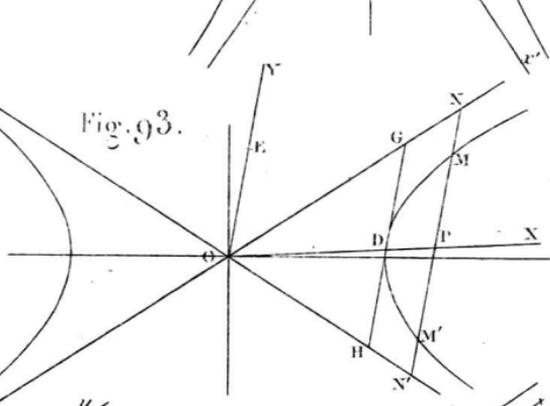


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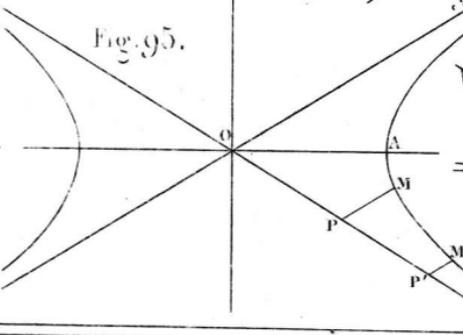


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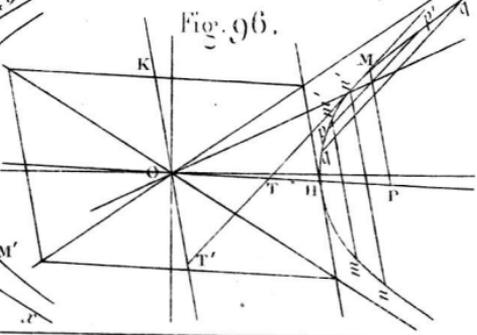


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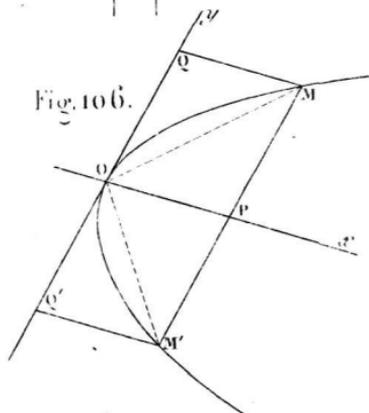
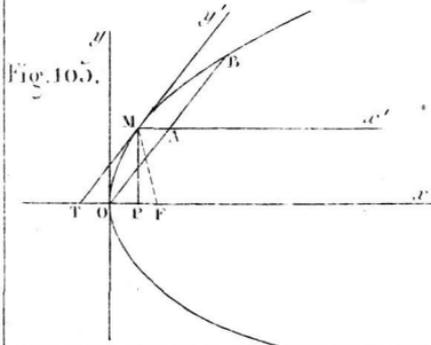
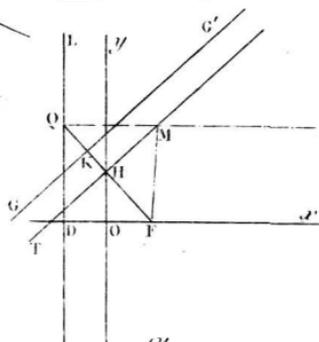
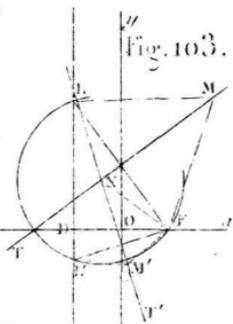
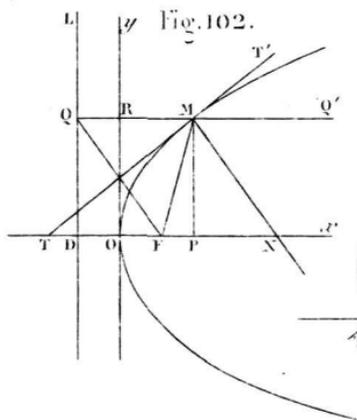
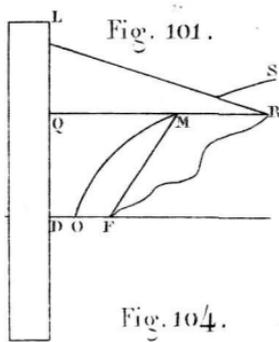
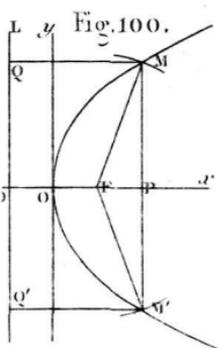
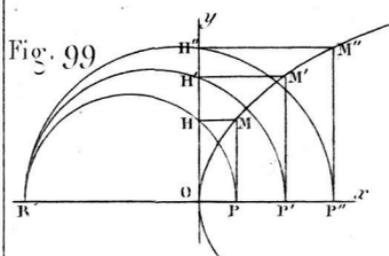
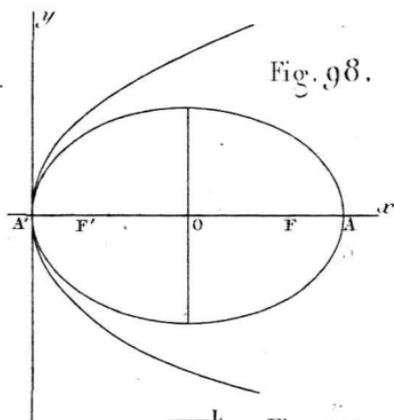
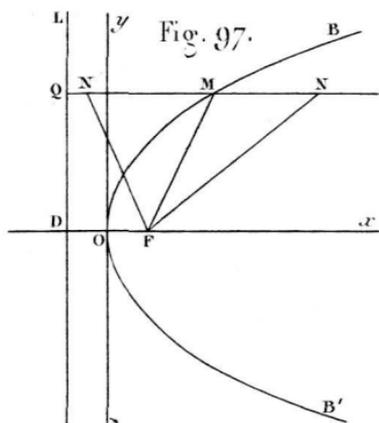




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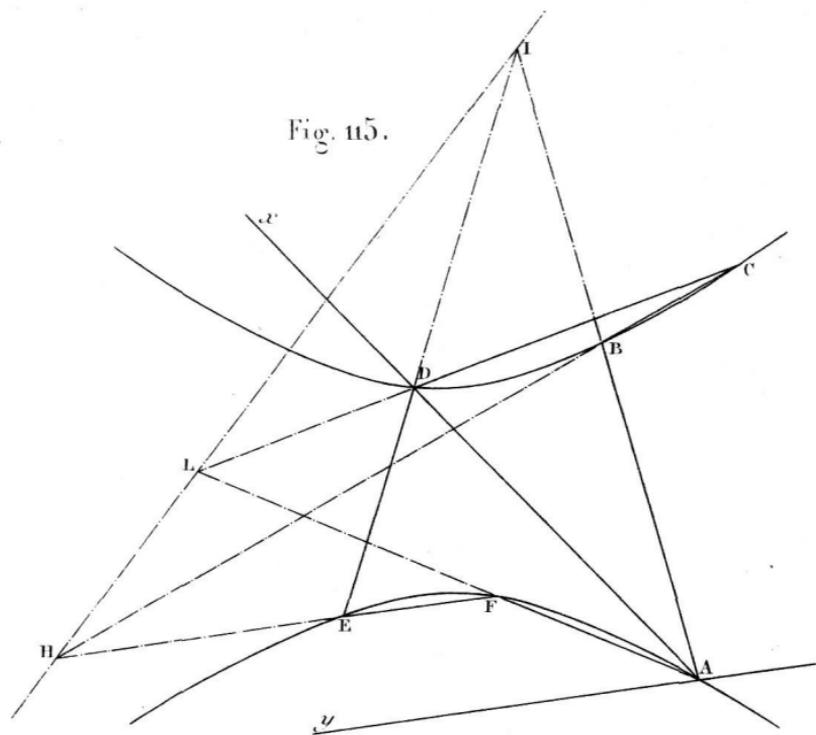


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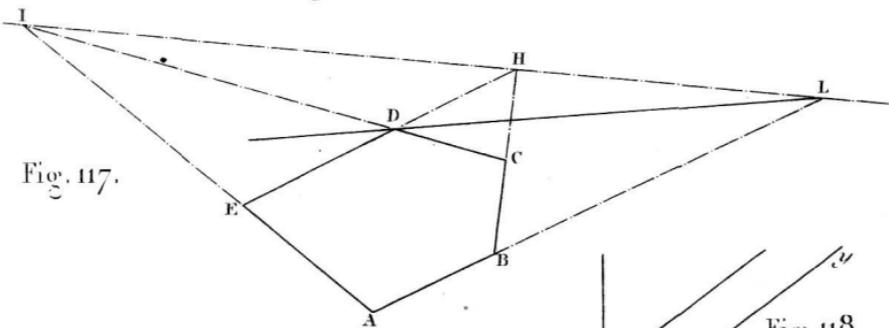


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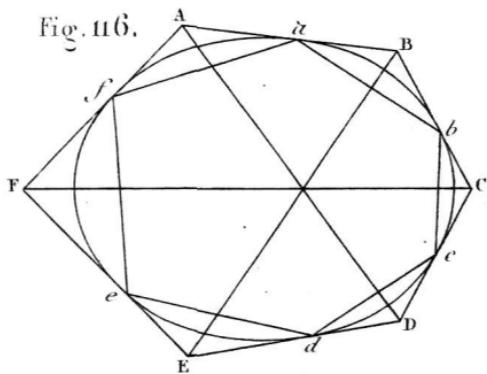


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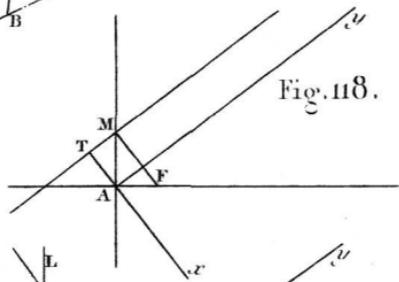


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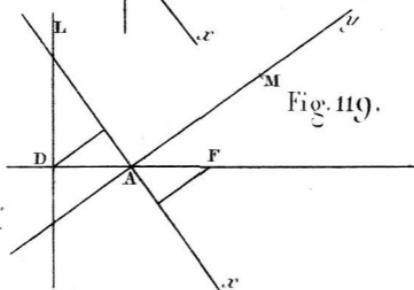


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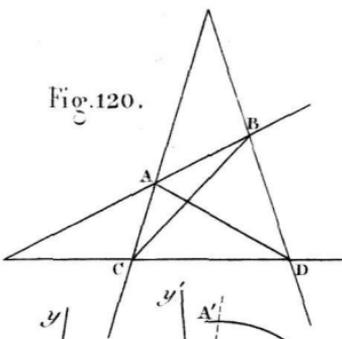


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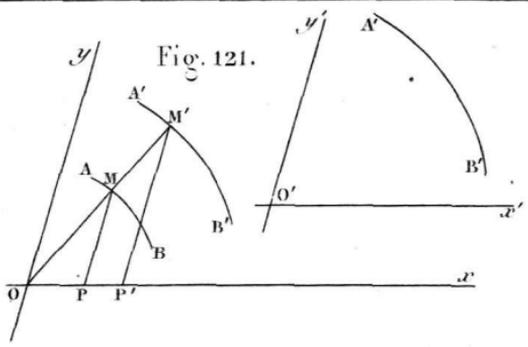


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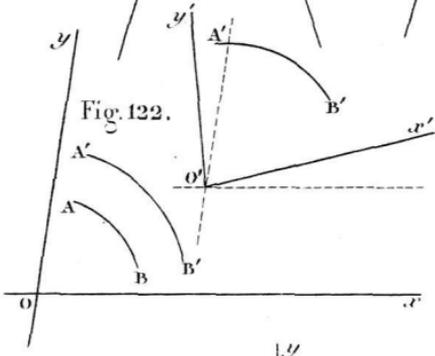


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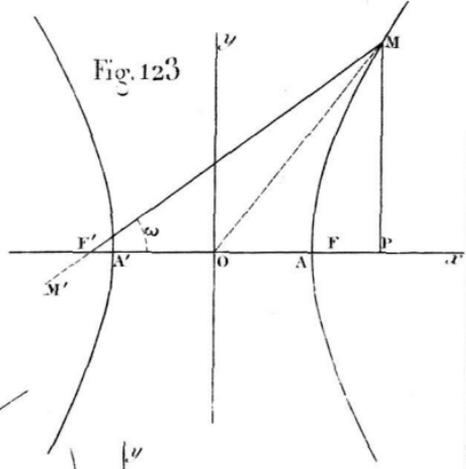


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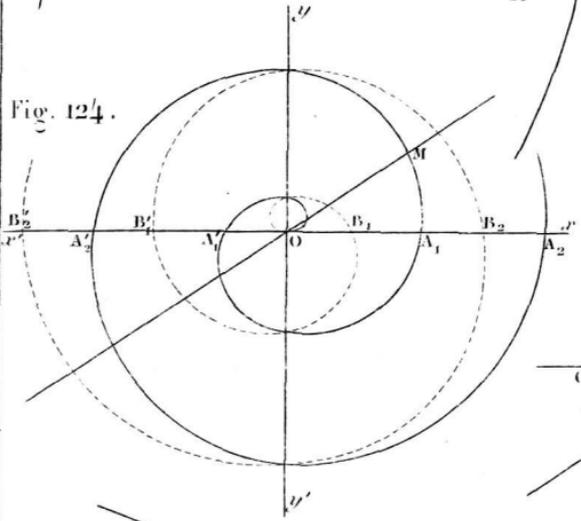


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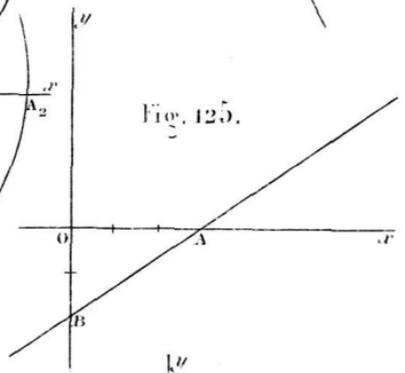


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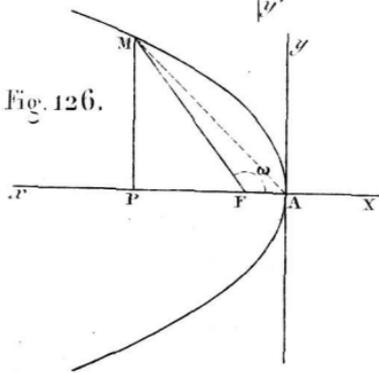
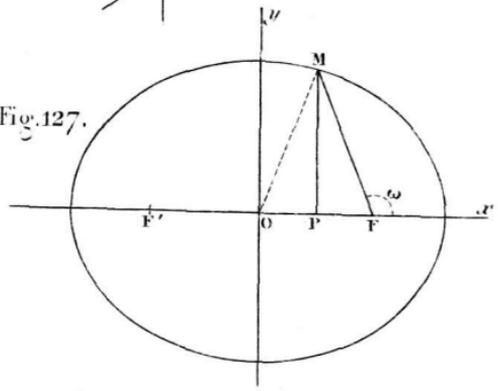


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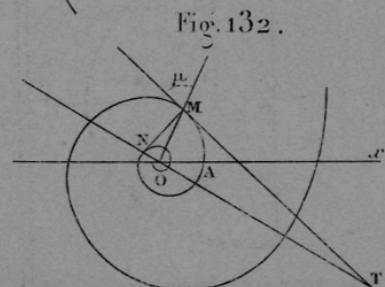
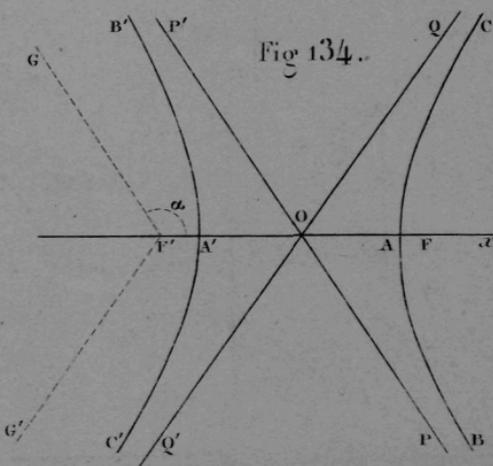
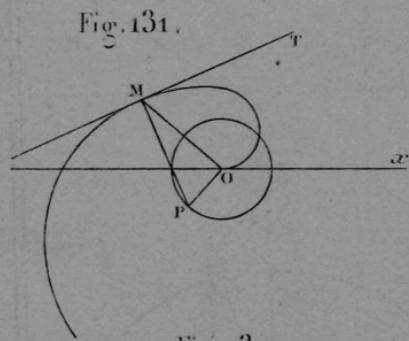
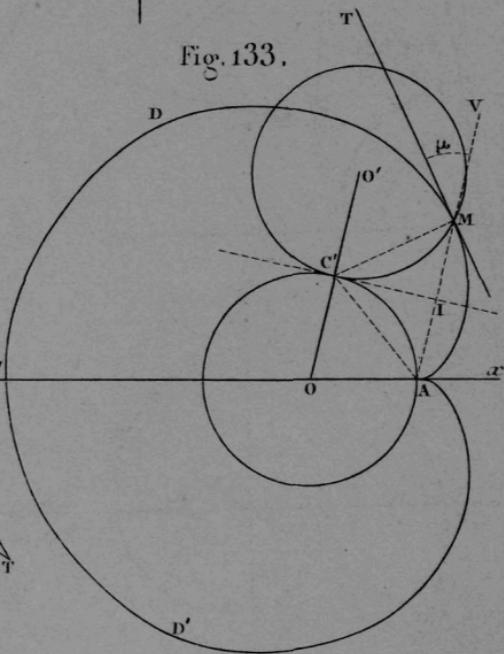
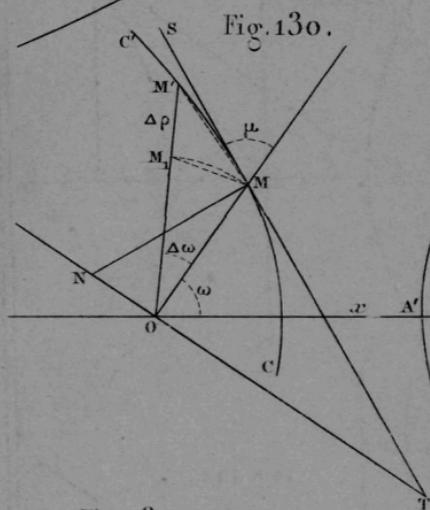
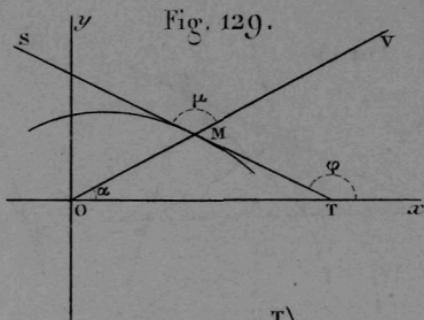
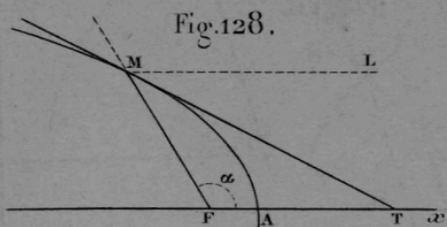


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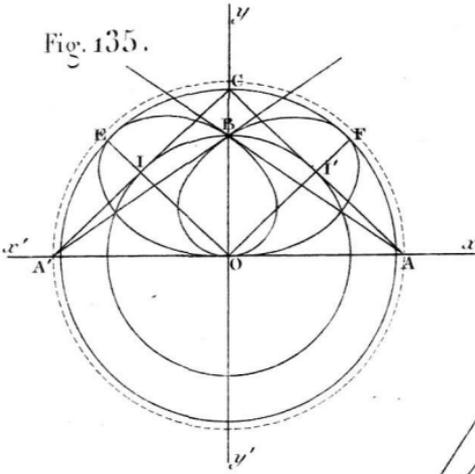


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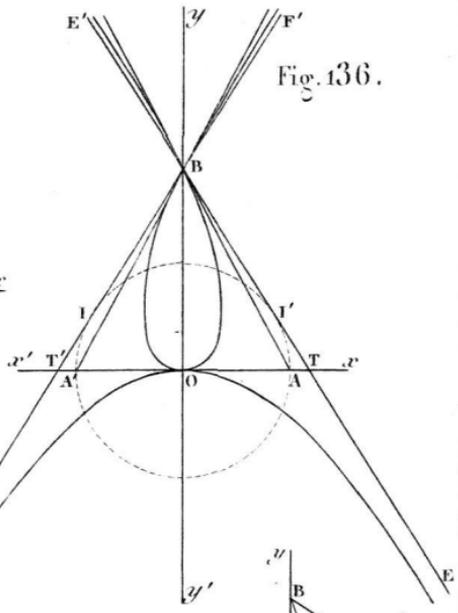


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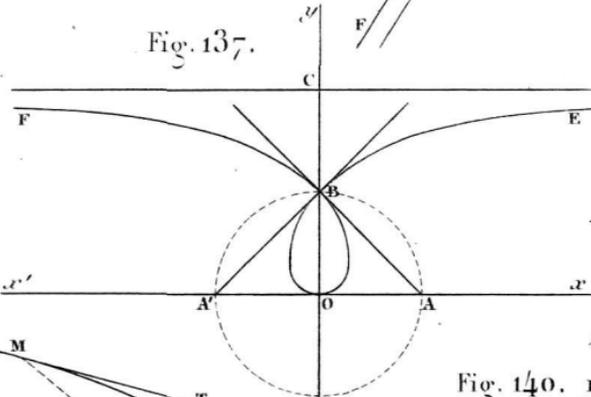


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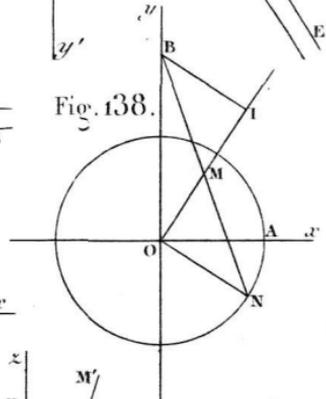


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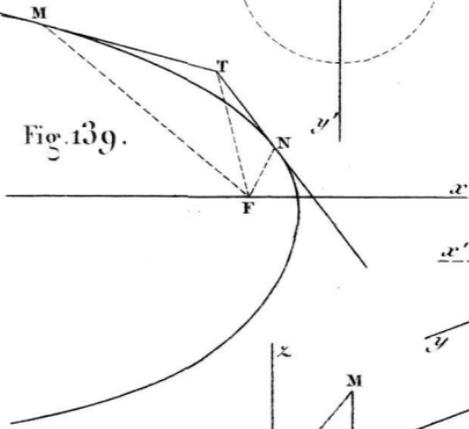


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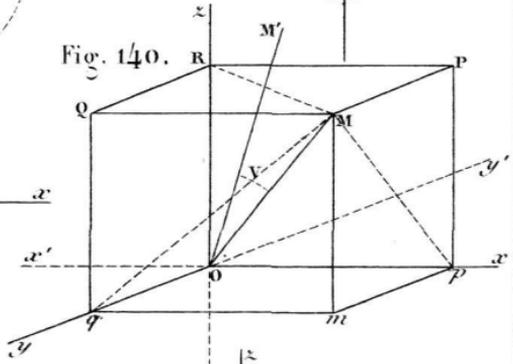


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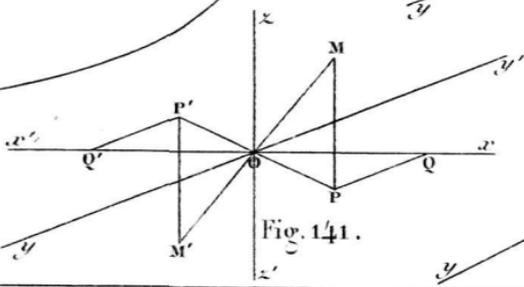
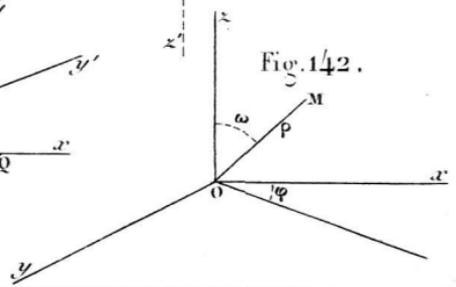


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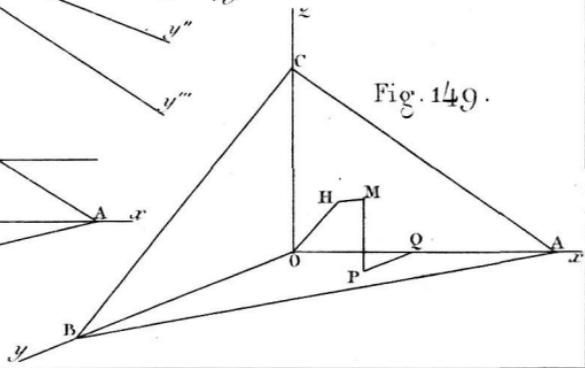
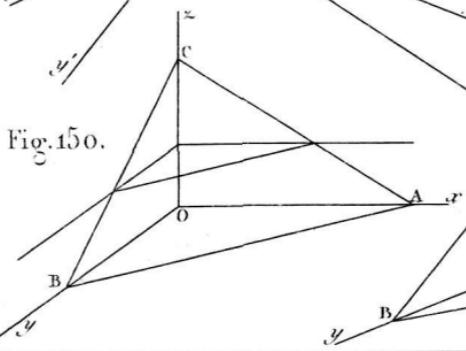
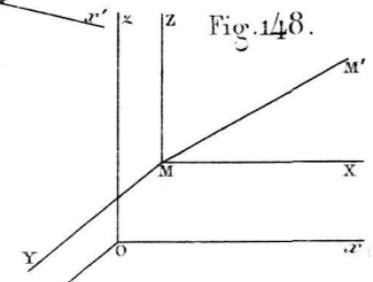
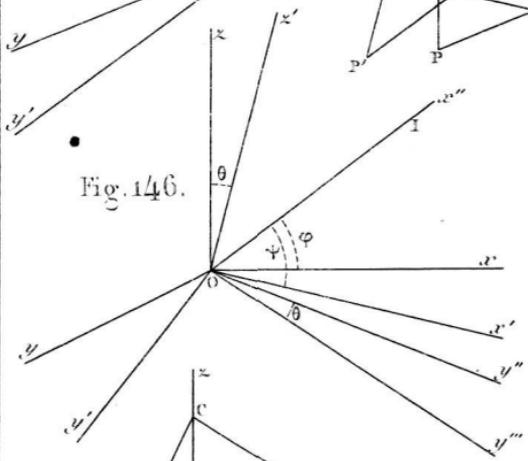
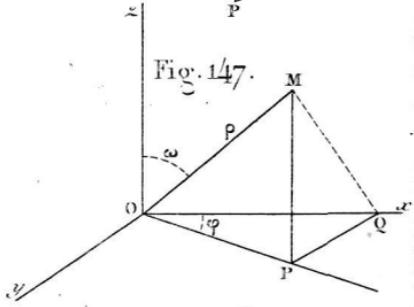
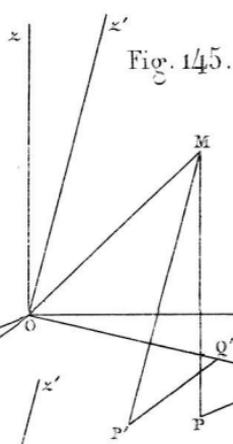
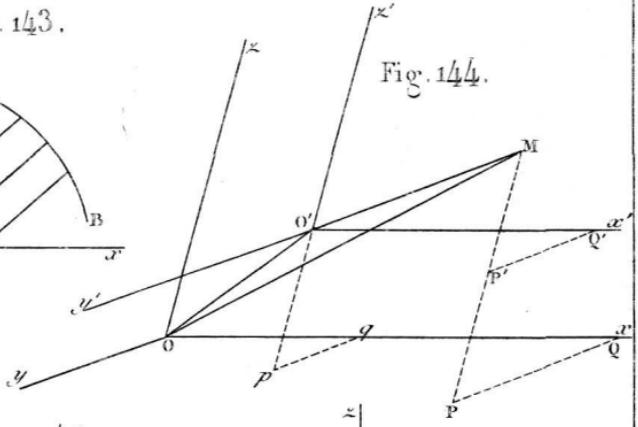
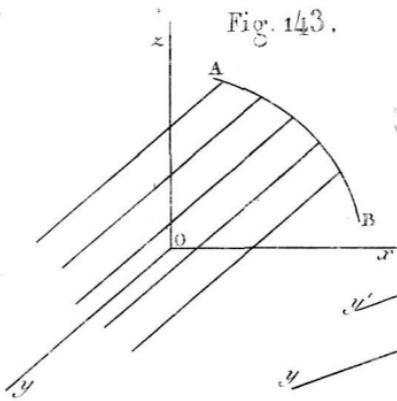


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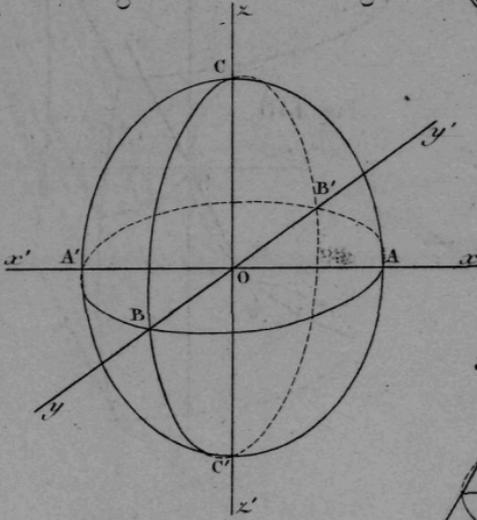


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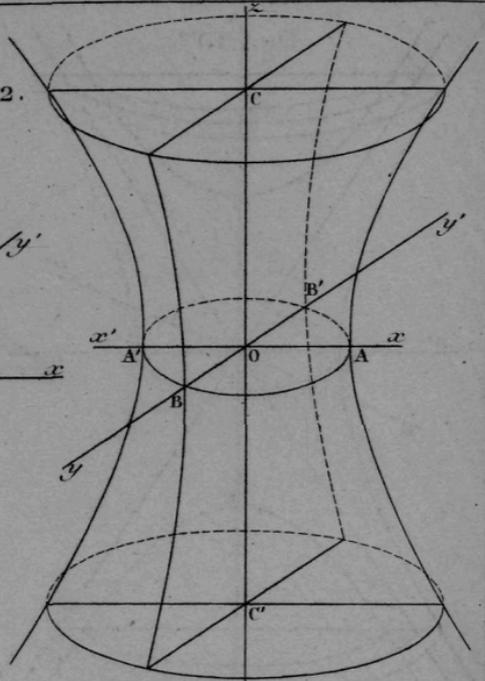


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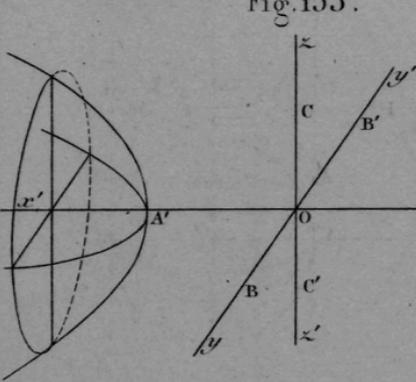


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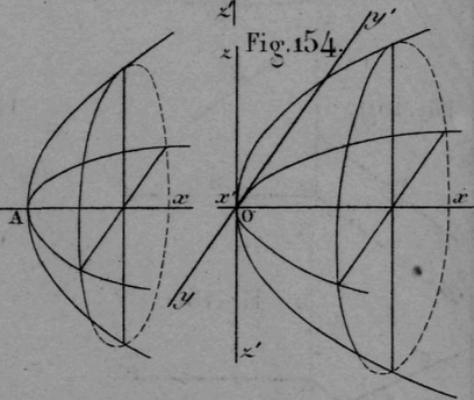


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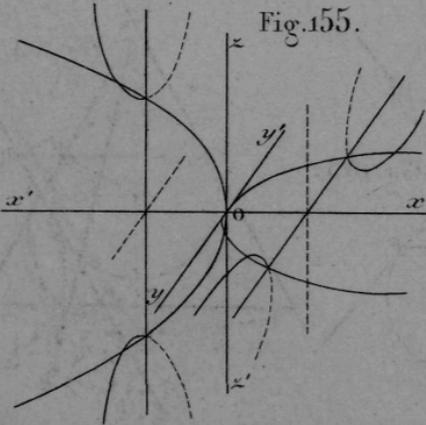
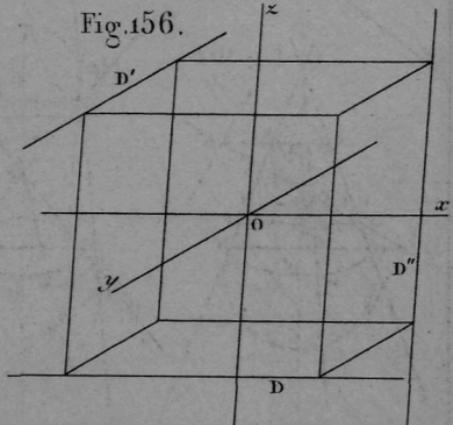
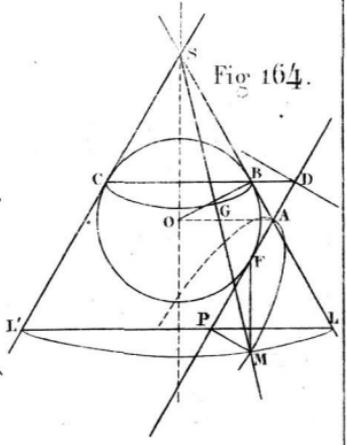
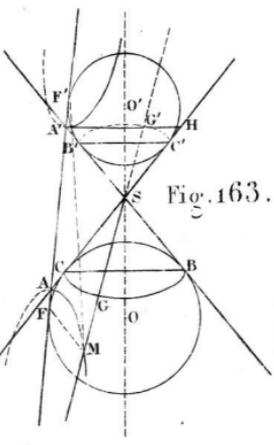
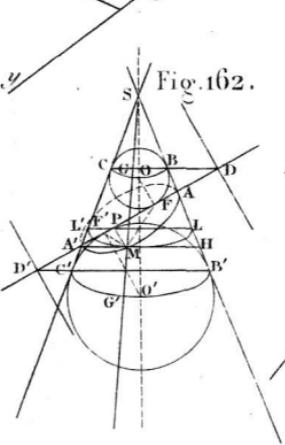
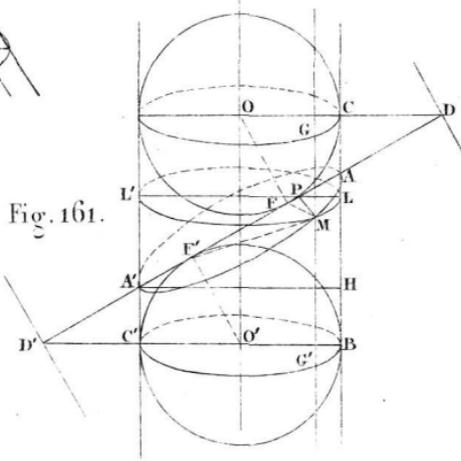
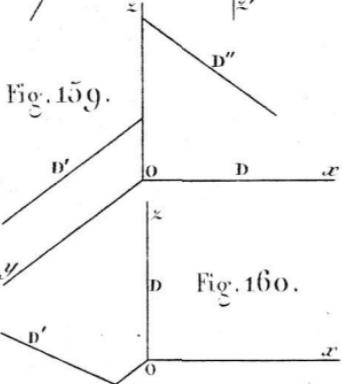
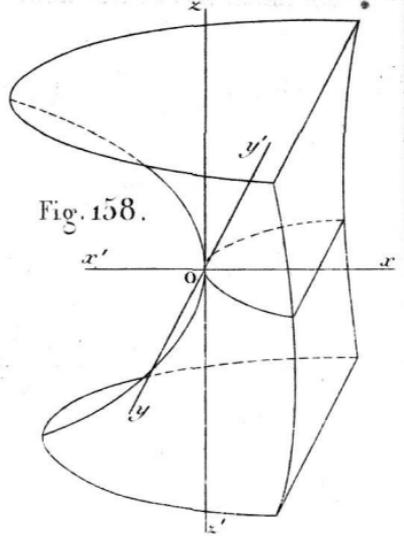
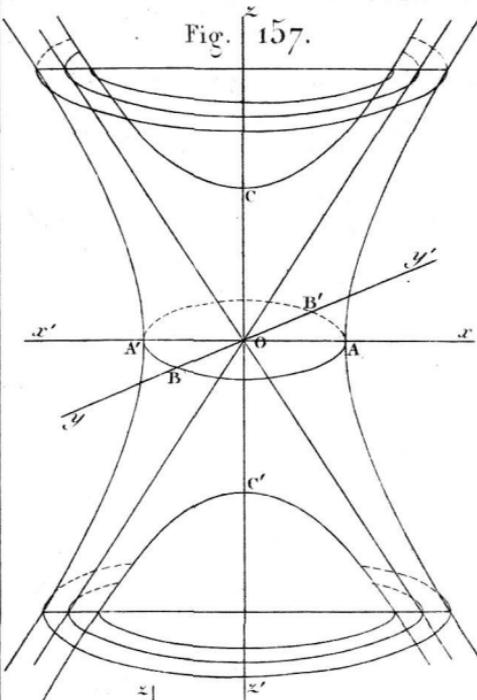


Fig. 156.





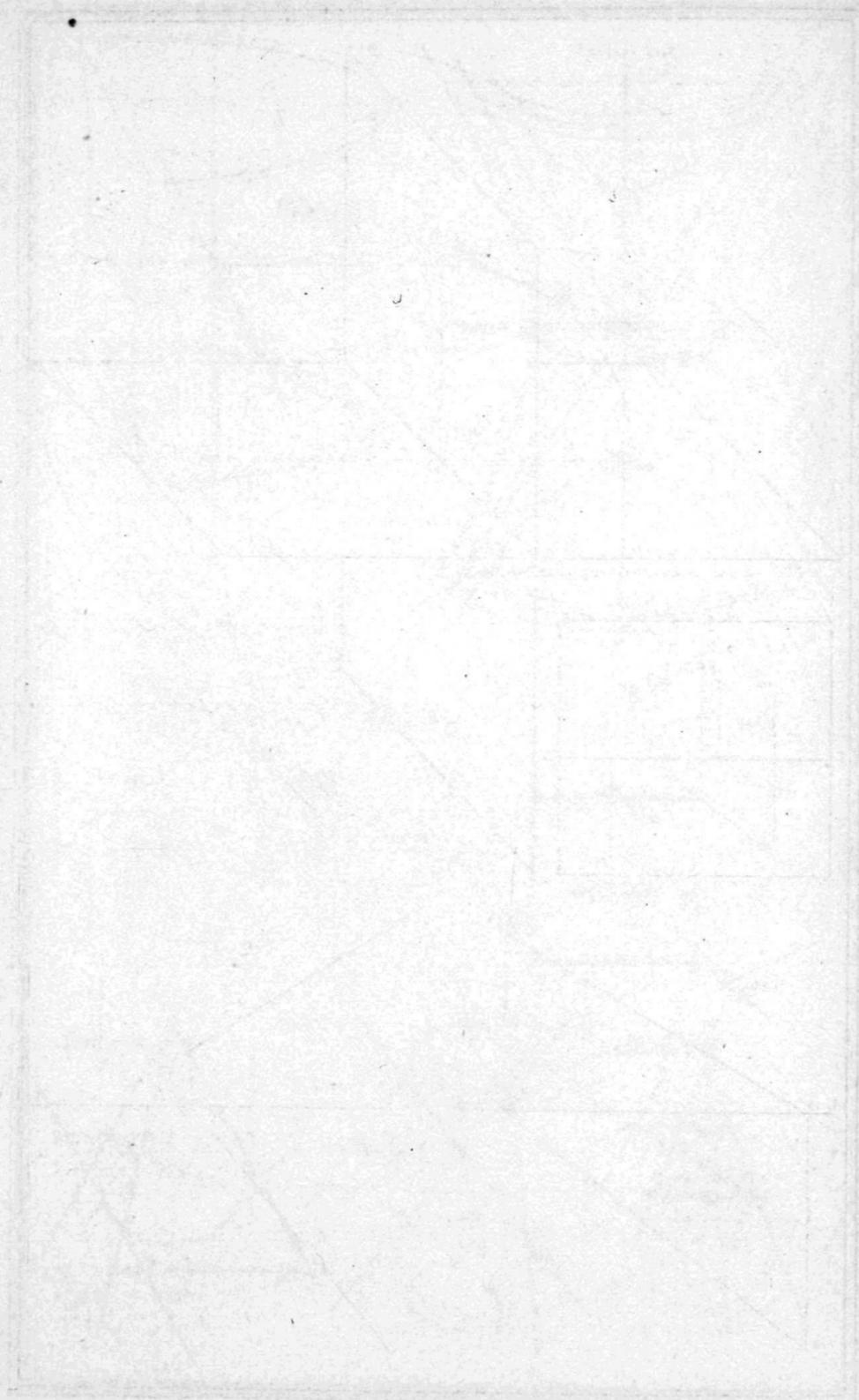




Fig. 4.

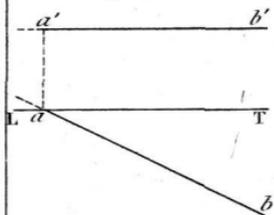


Fig. 5.

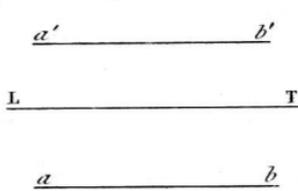


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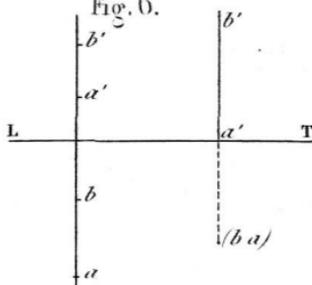


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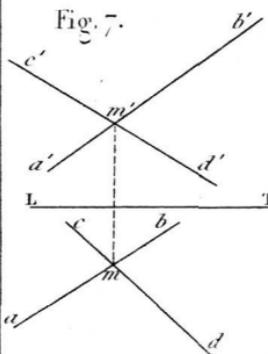


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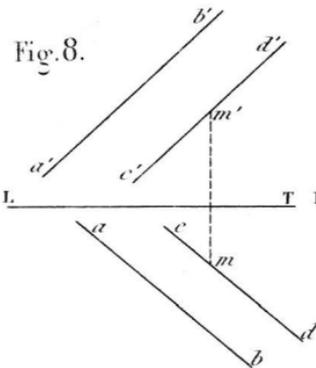


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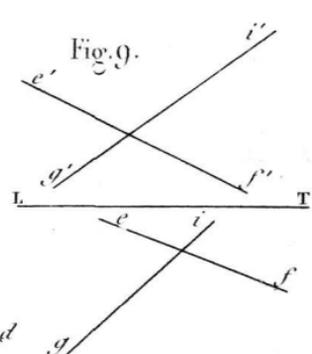


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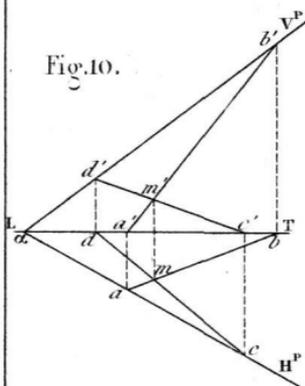


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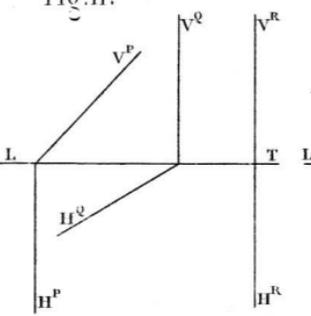


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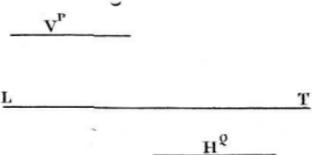


Fig. 13.

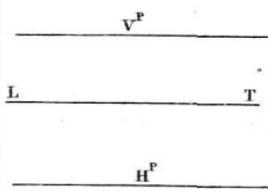


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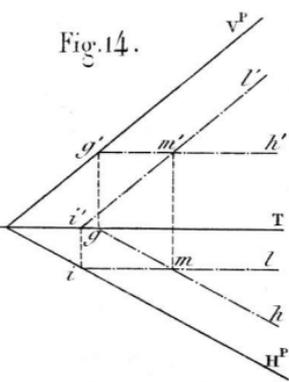


Fig. 14. bis

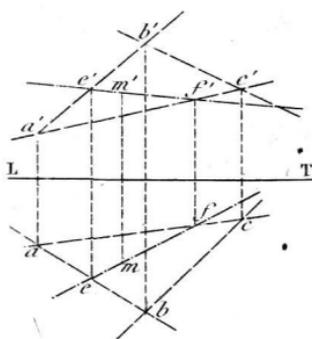


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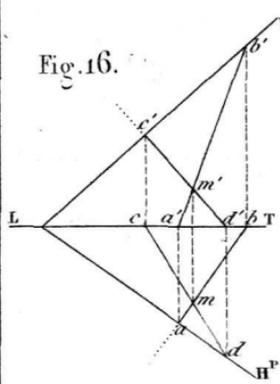


Fig. 17.

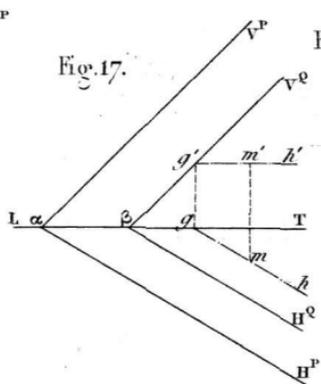


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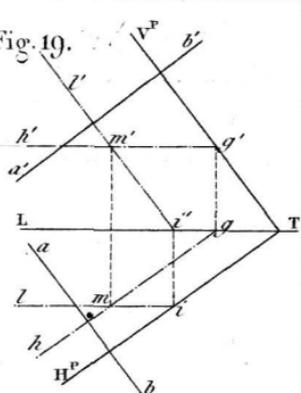


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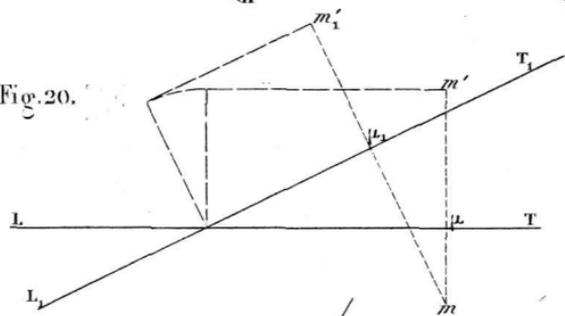


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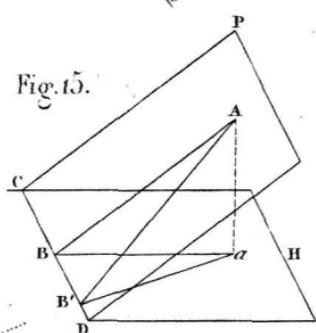


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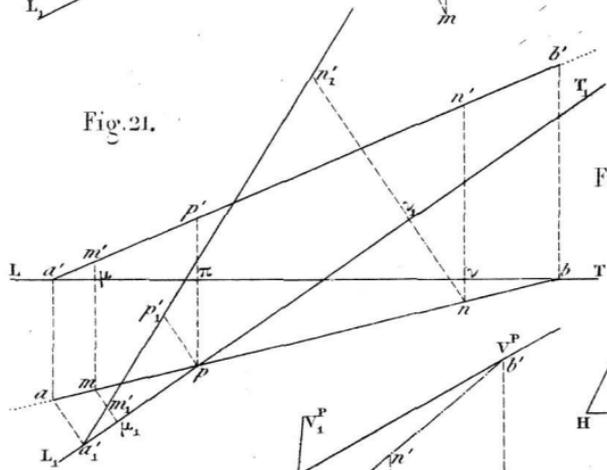


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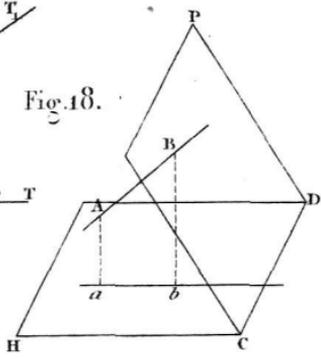


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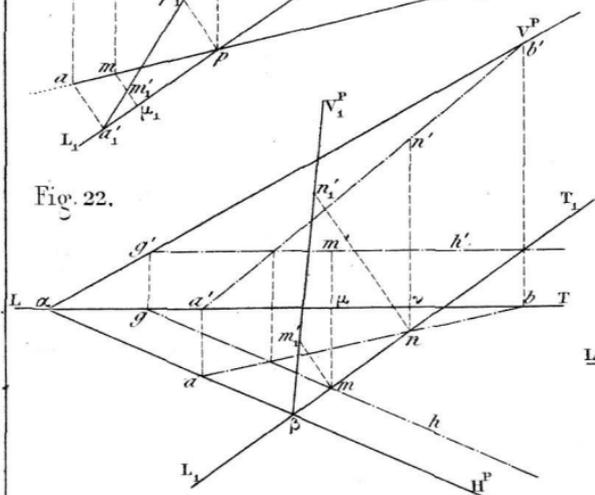


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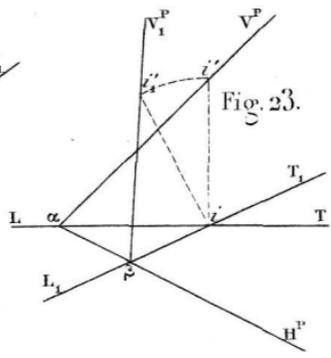




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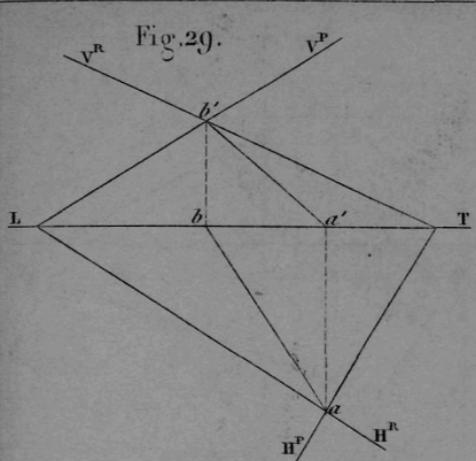


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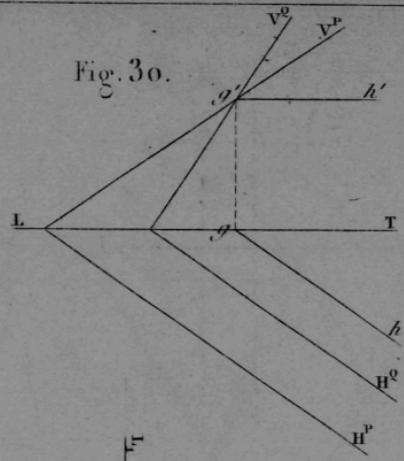


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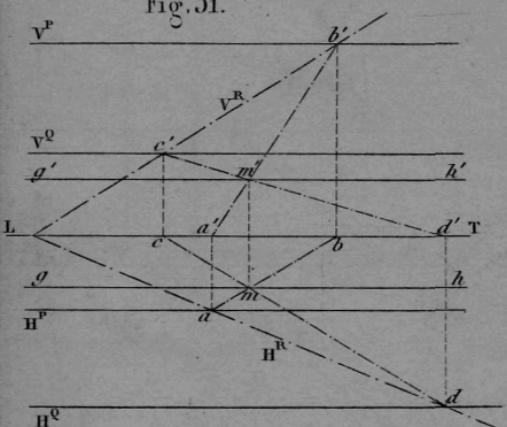


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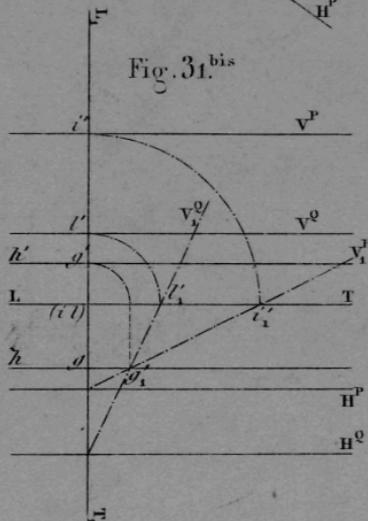


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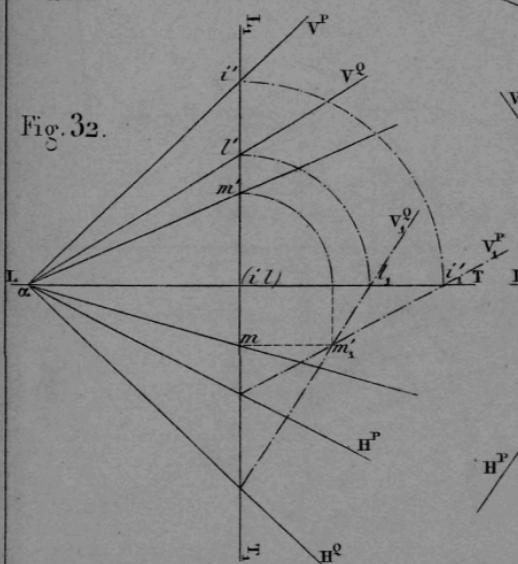


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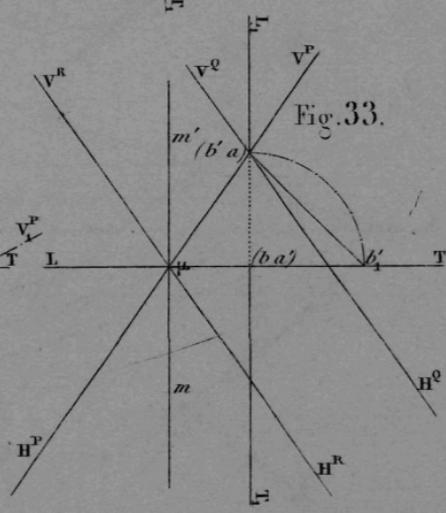


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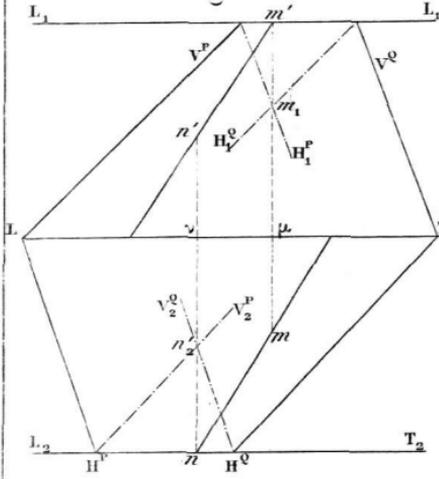


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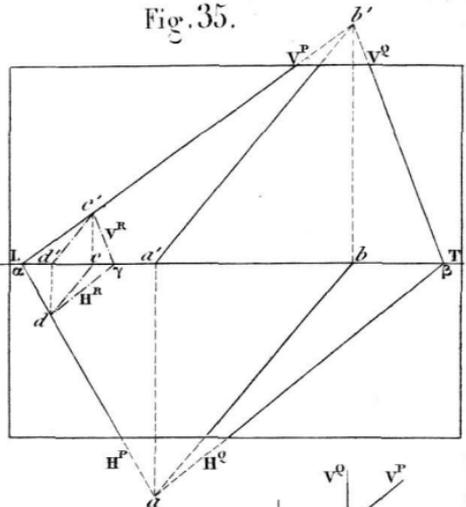


Fig. 36.

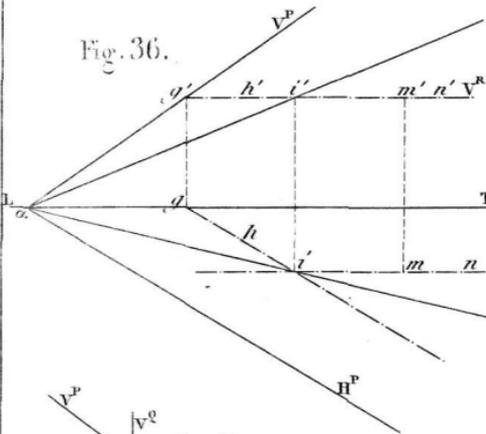


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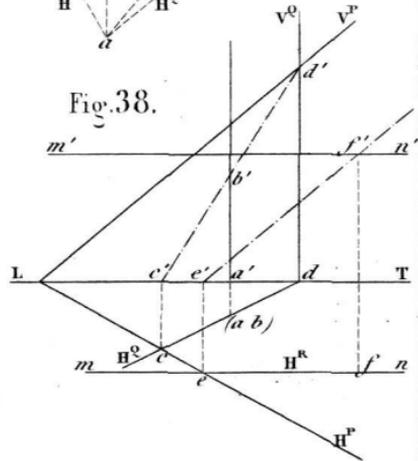


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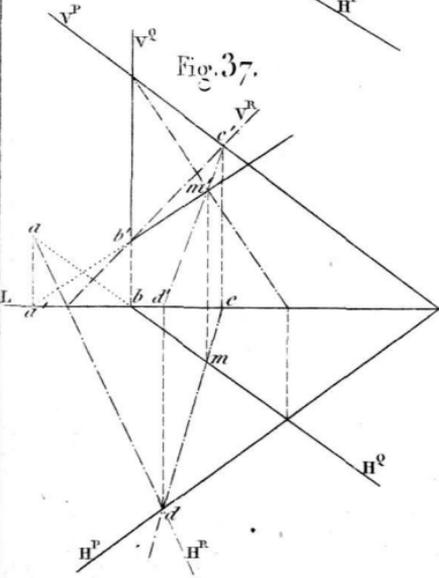


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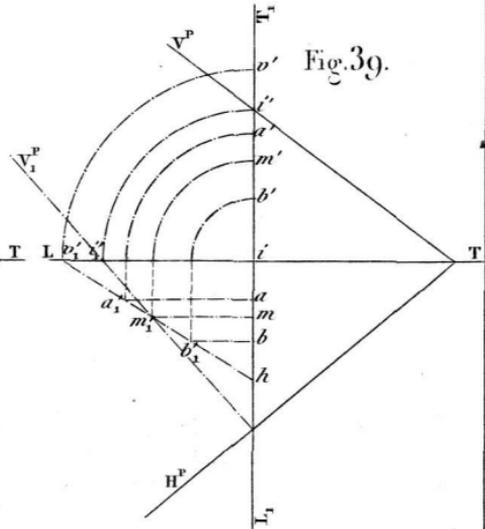


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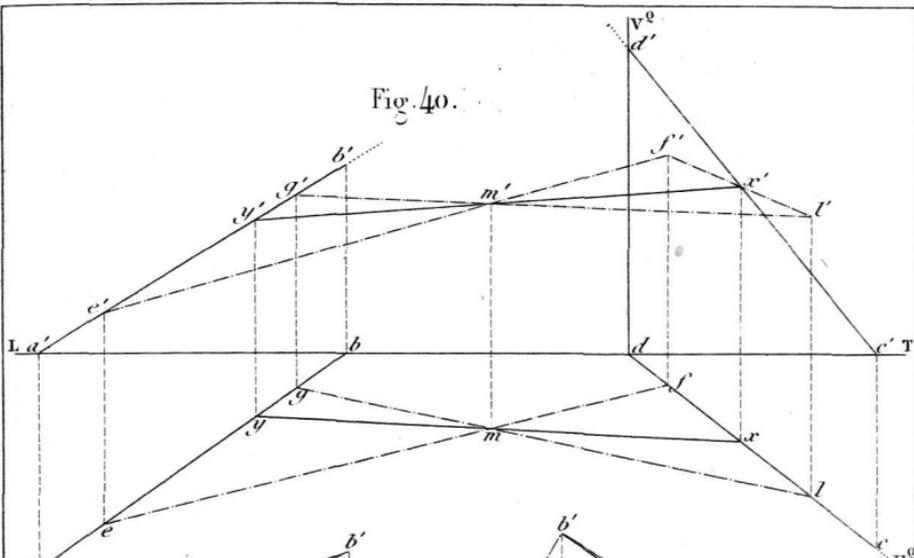


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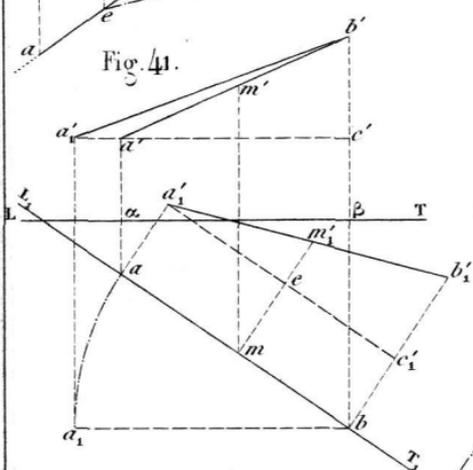


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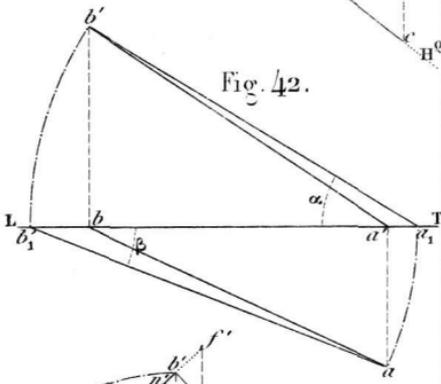


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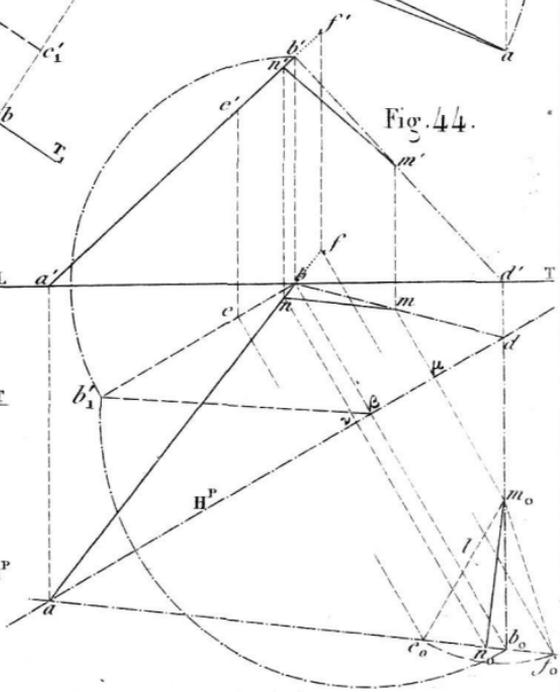
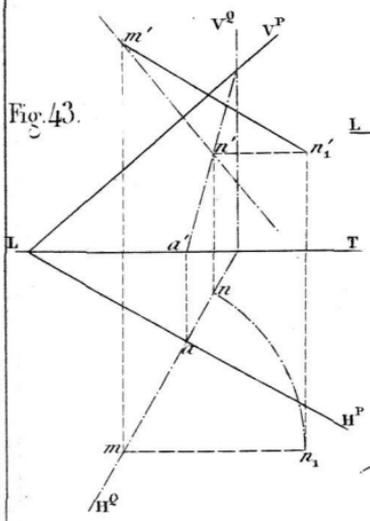


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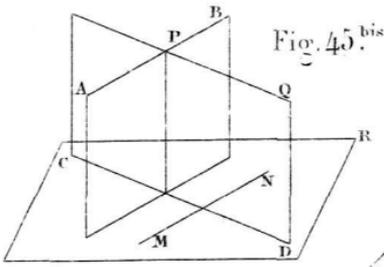


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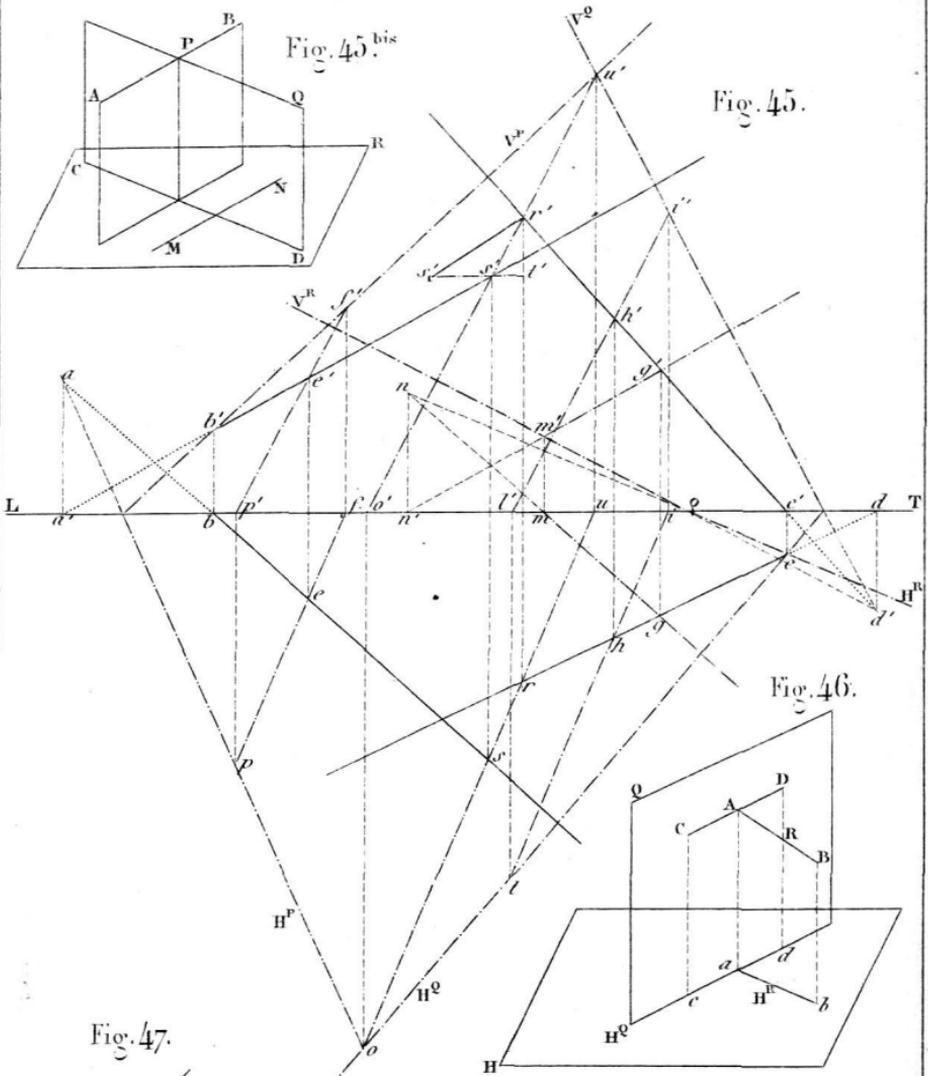


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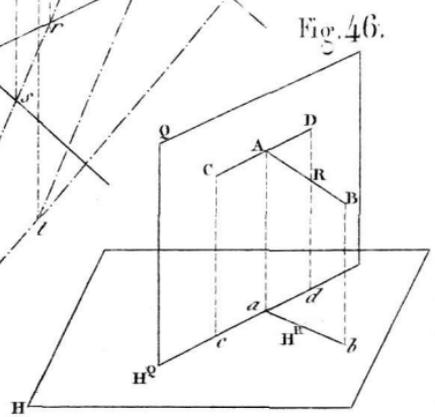


Fig. 46.

Fig. 47.

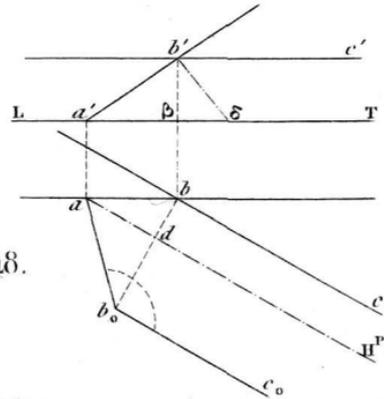
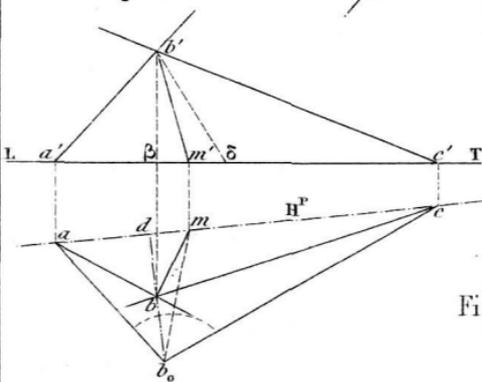


Fig. 48.

Fig. 49.

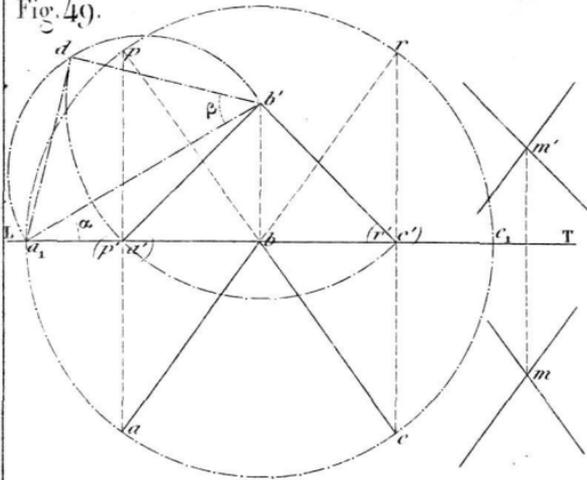


Fig. 50<sup>bis</sup>.

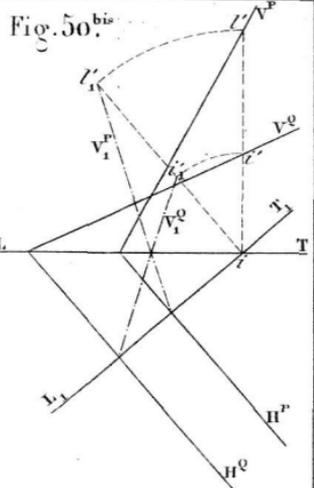


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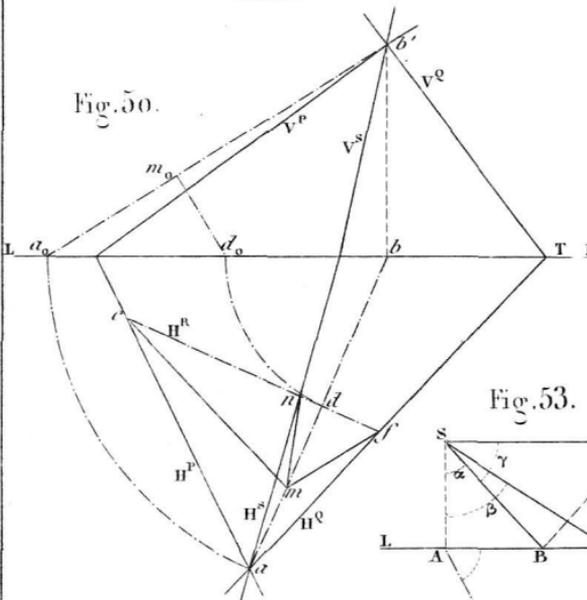


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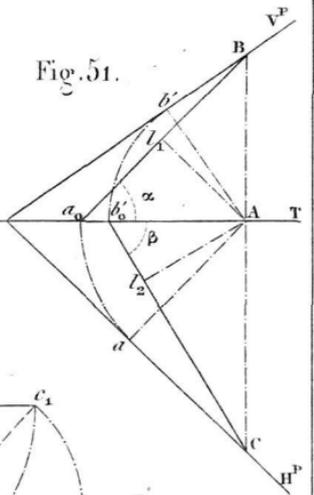


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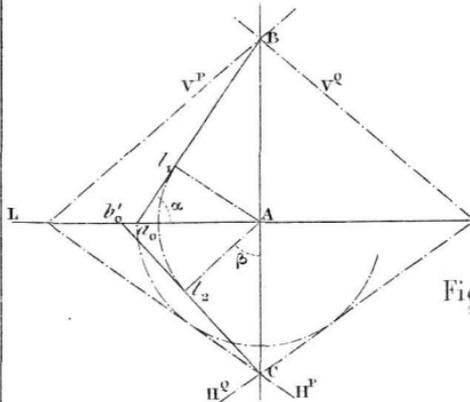
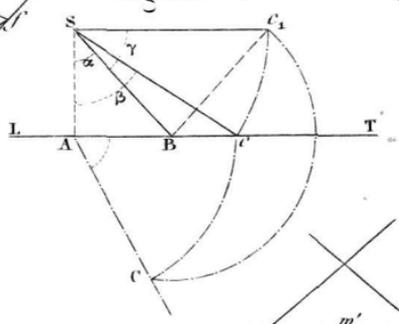


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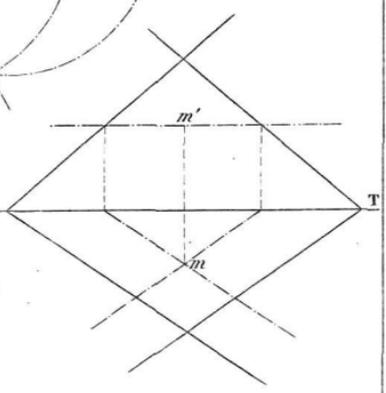


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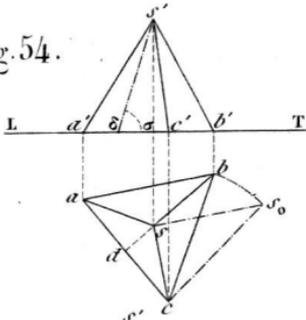


Fig. 54<sup>bis</sup>.

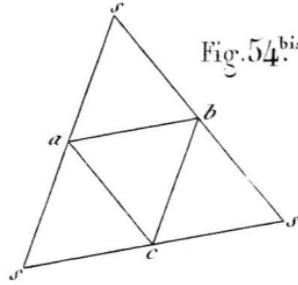


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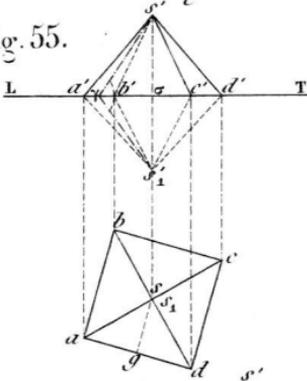


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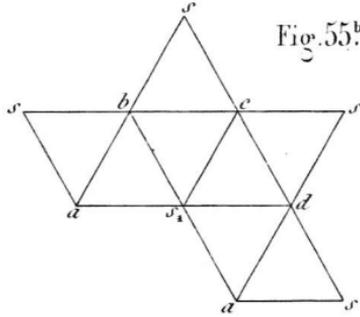


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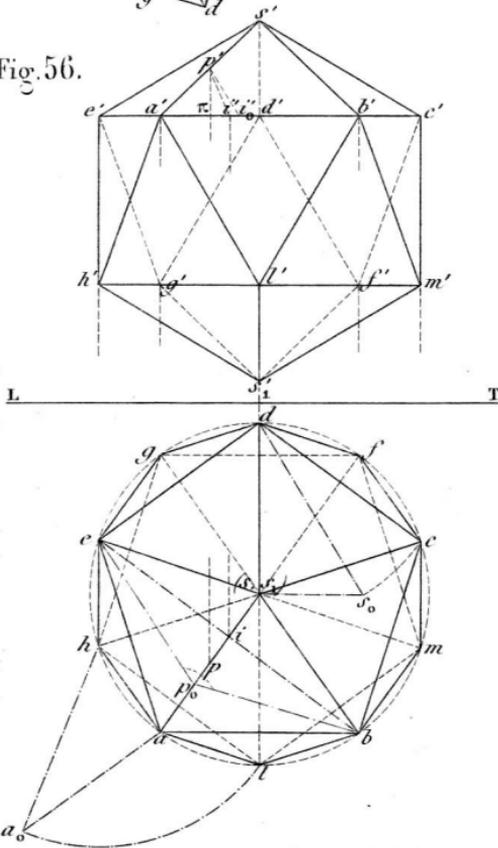
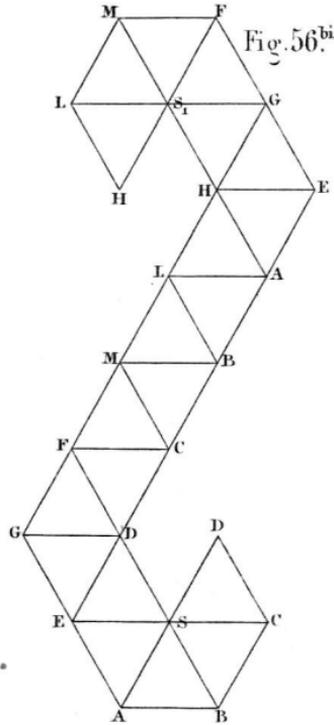
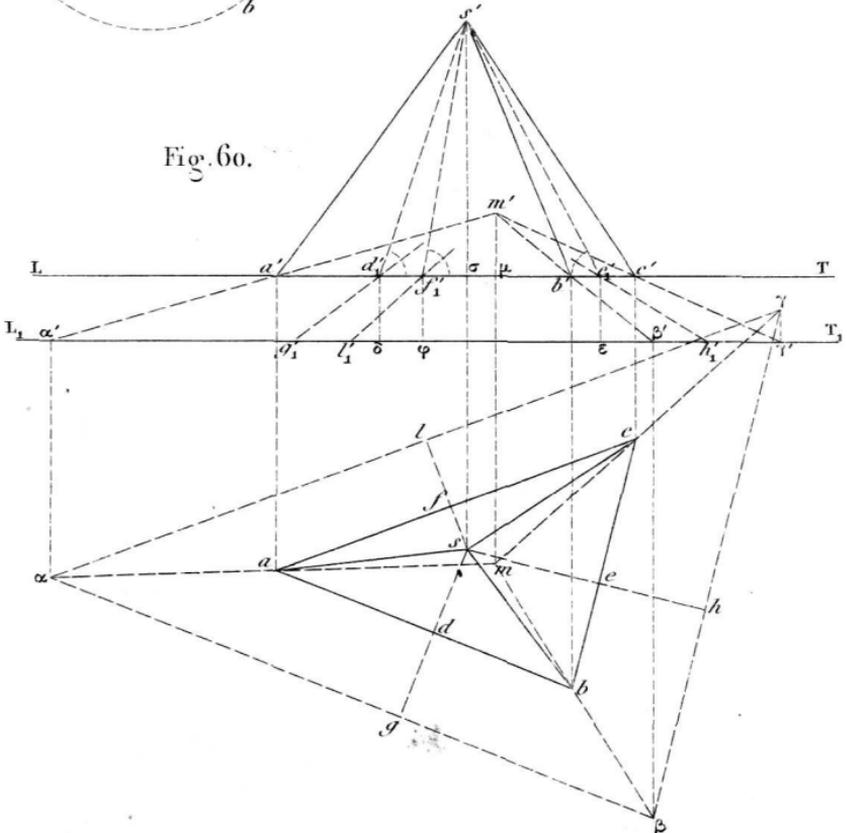
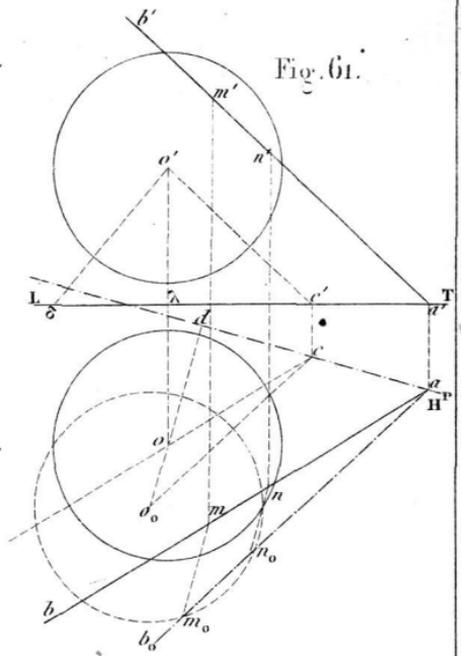
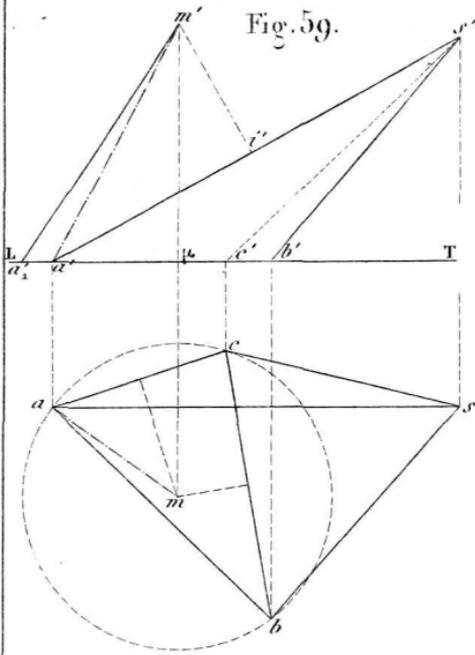


Fig. 56<sup>bis</sup>.









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Fig. 68<sup>bis</sup>

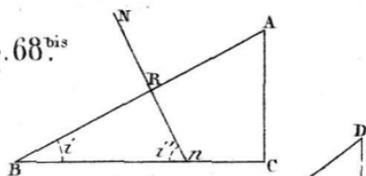


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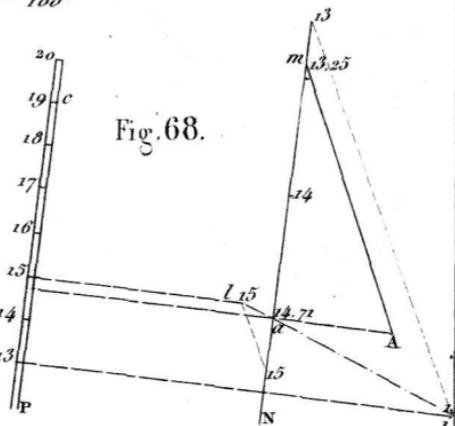


Fig. 70<sup>bis</sup>

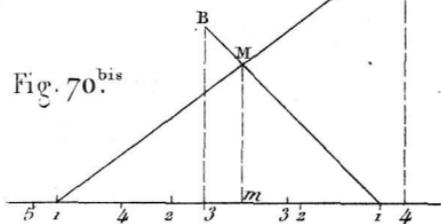


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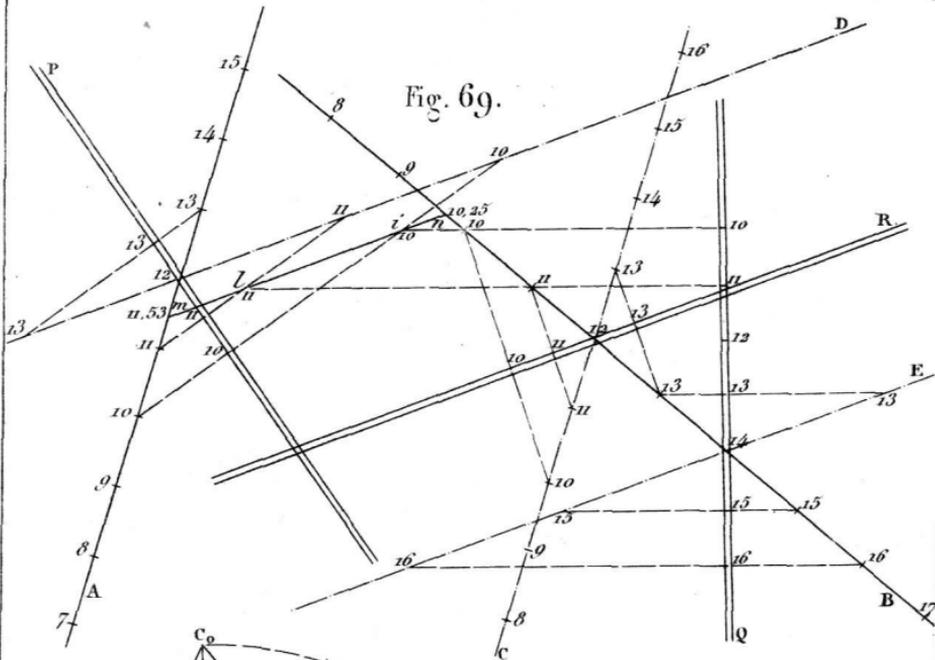


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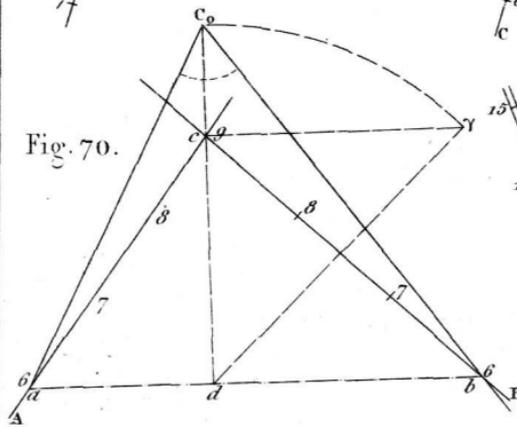


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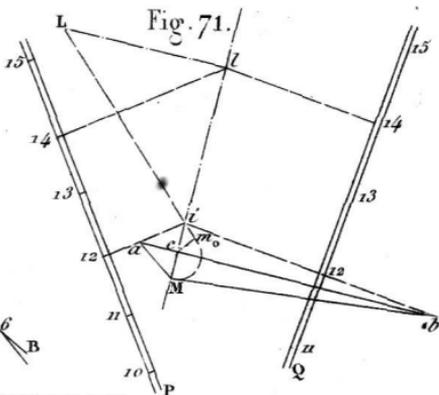


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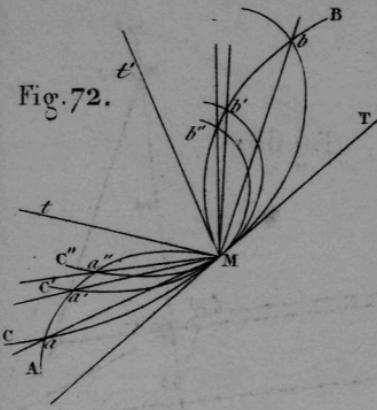


Fig. 73.



Fig. 74.

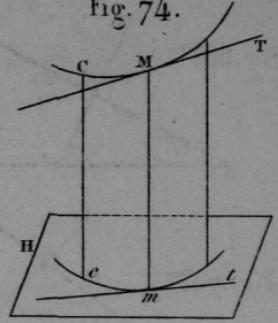


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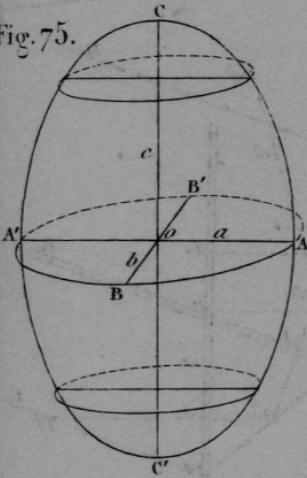


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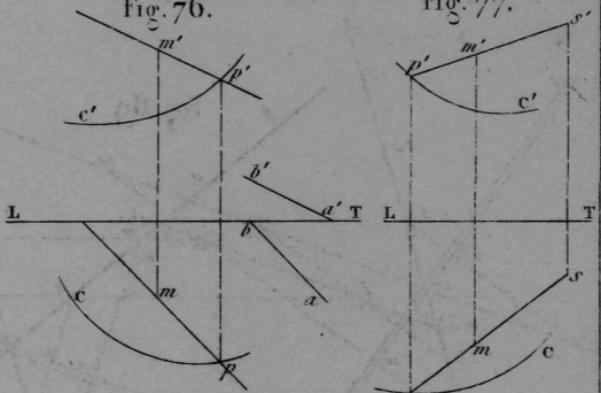


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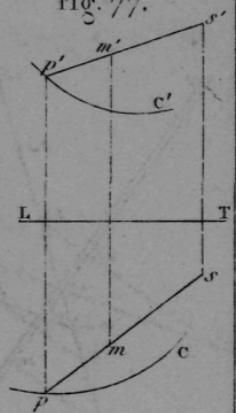


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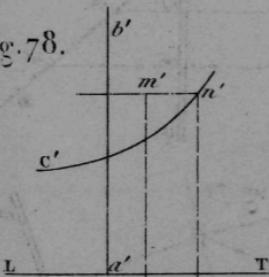


Fig. 70<sup>obis</sup>.

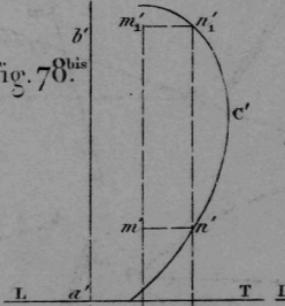


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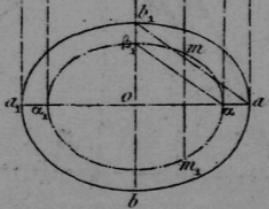
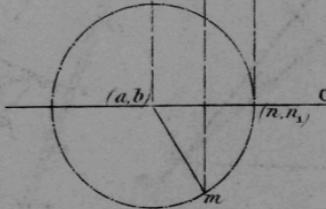
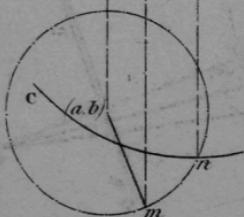
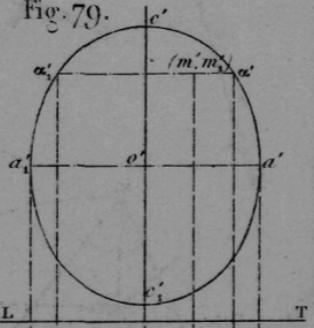


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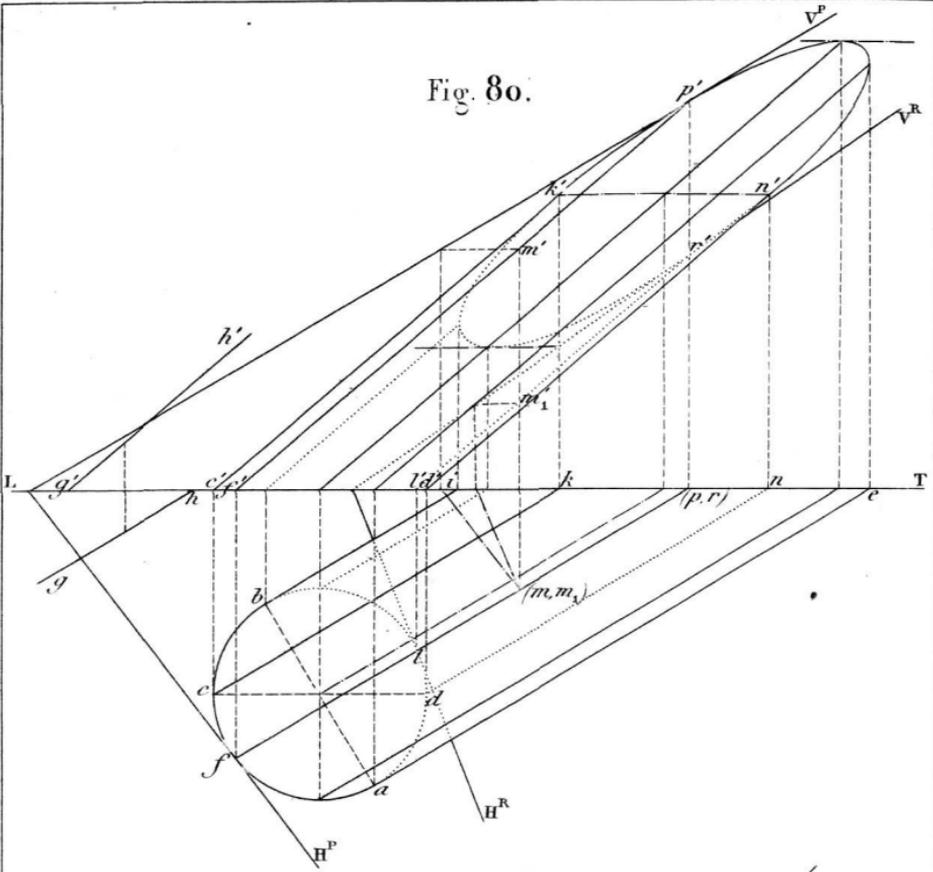


Fig. 81

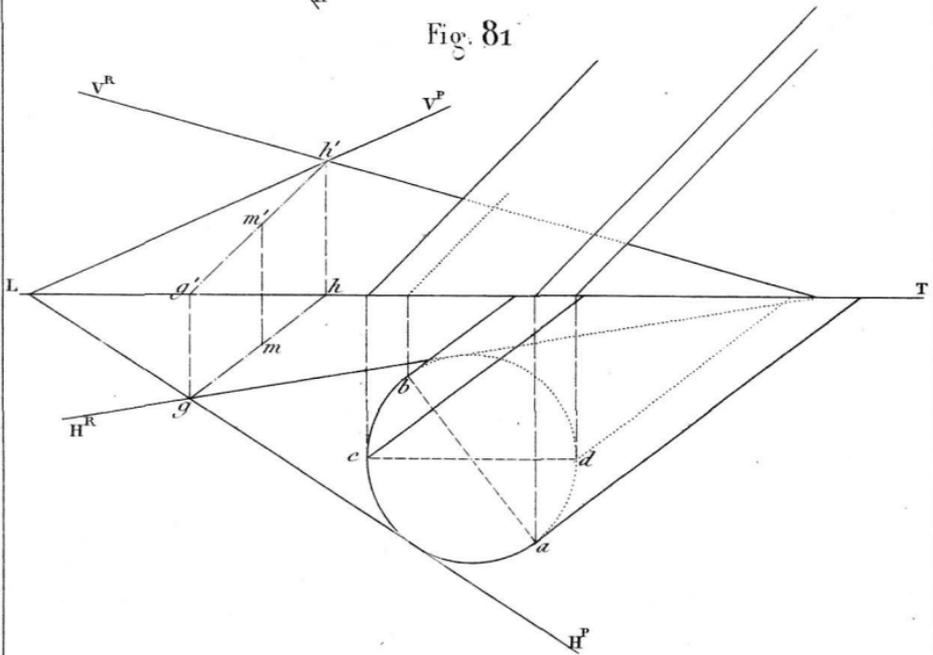


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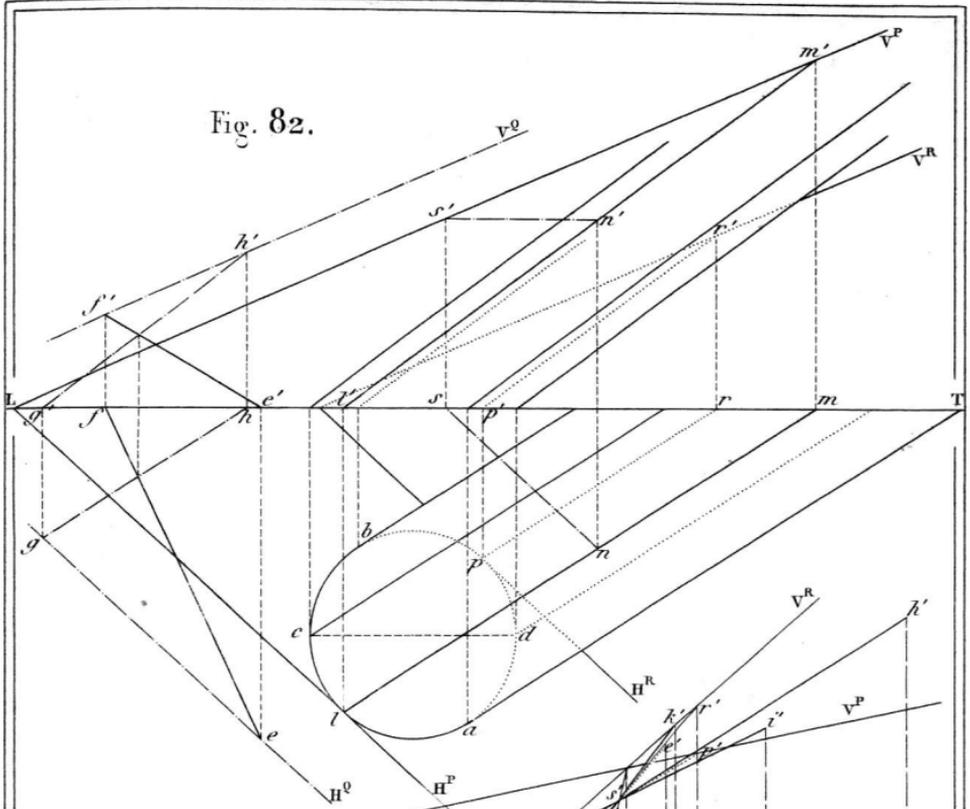


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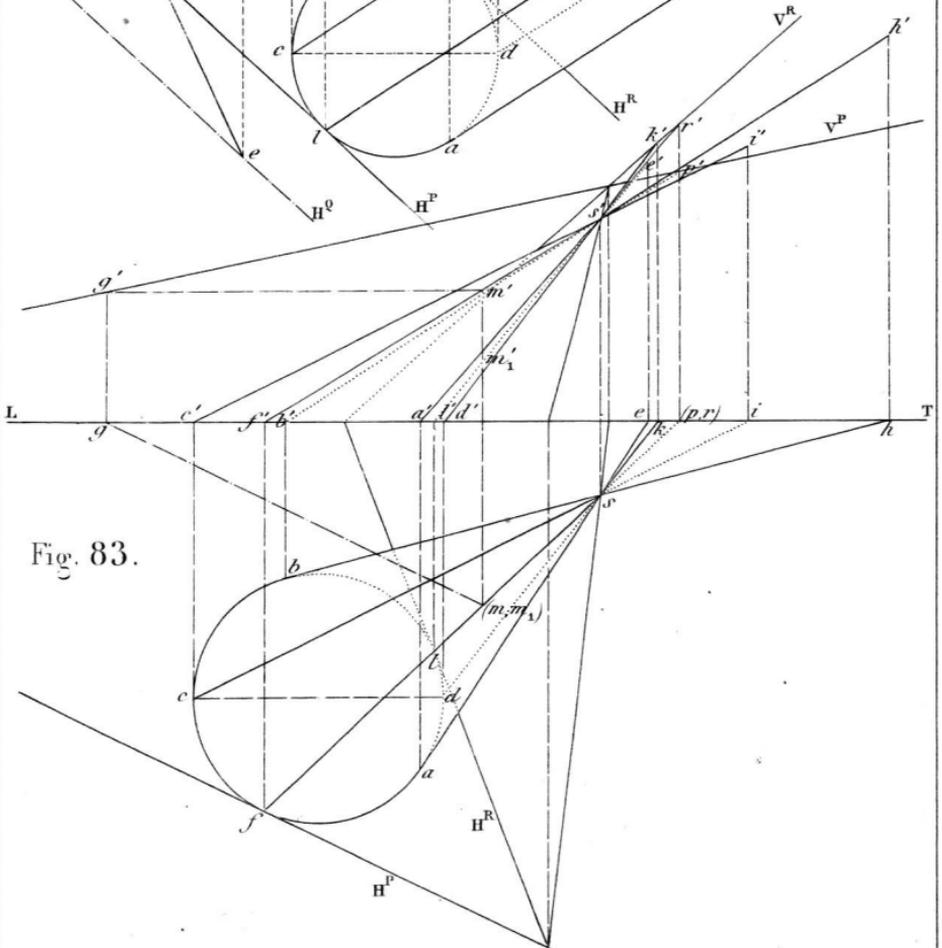


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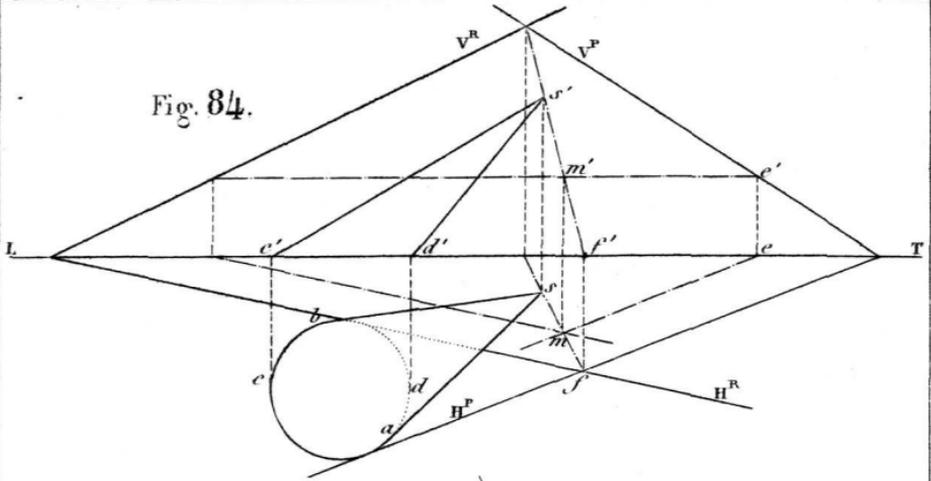


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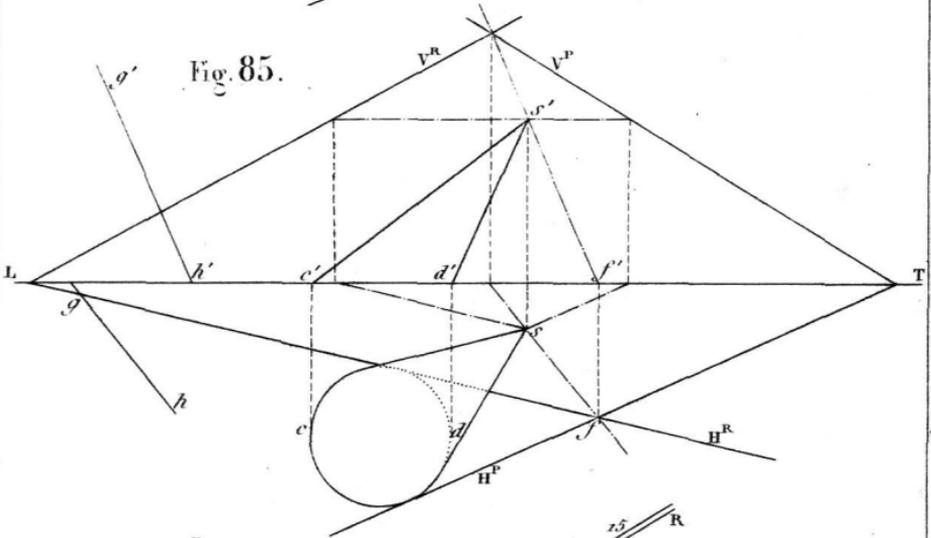


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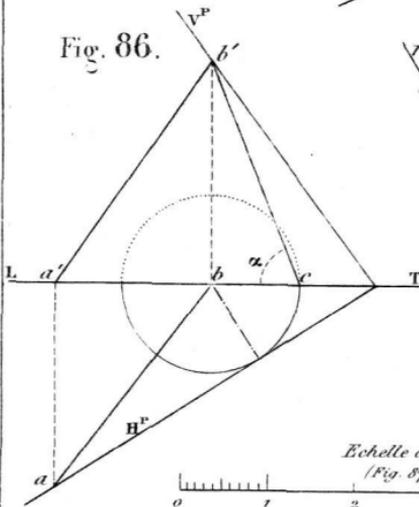
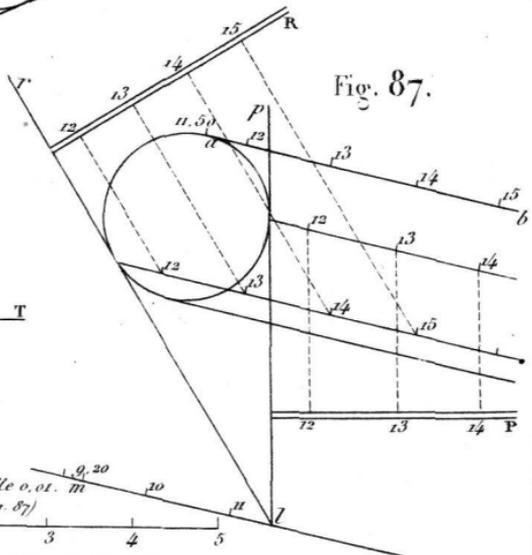


Fig. 87.



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(Fig. 87)

Fig. 88.

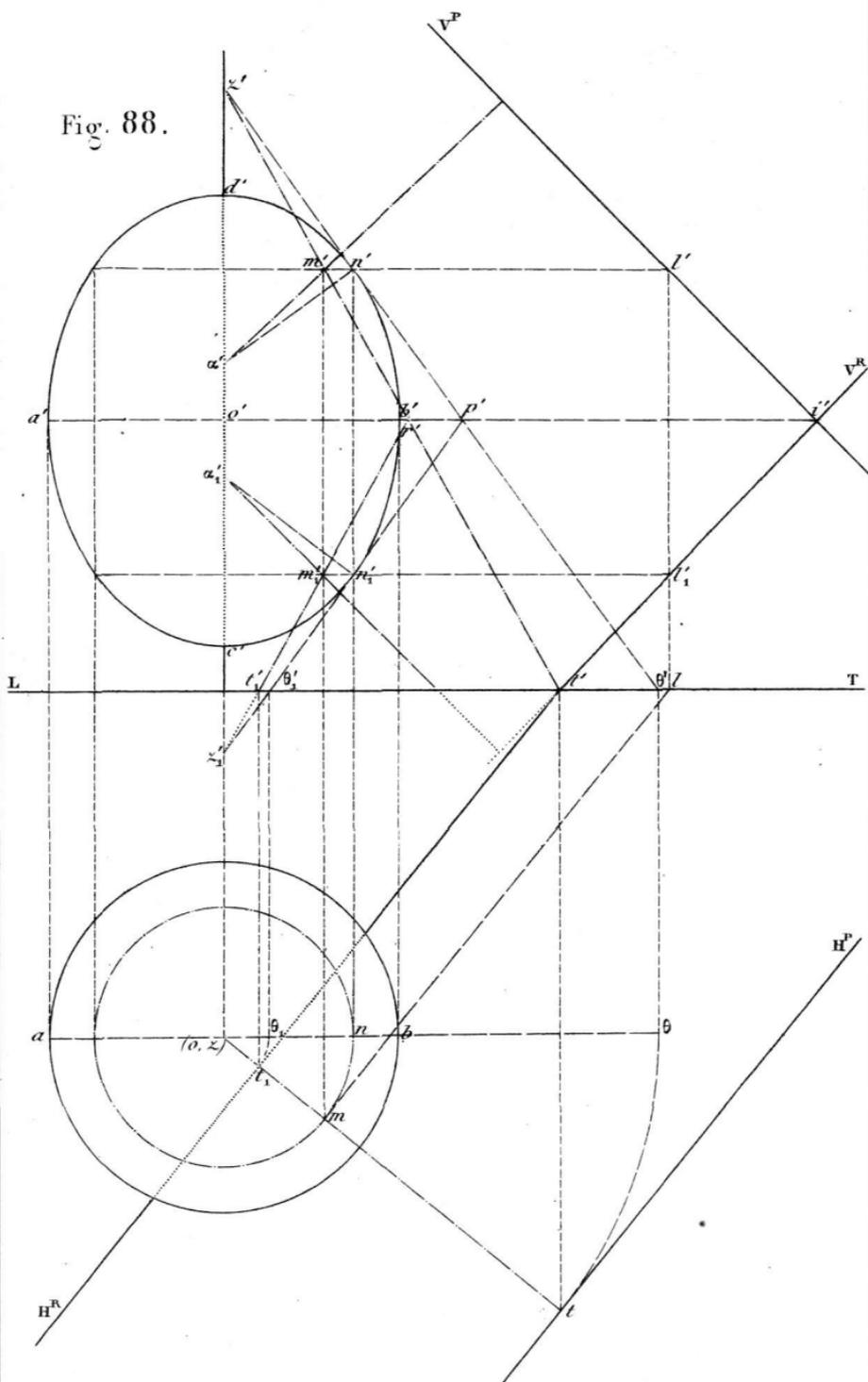


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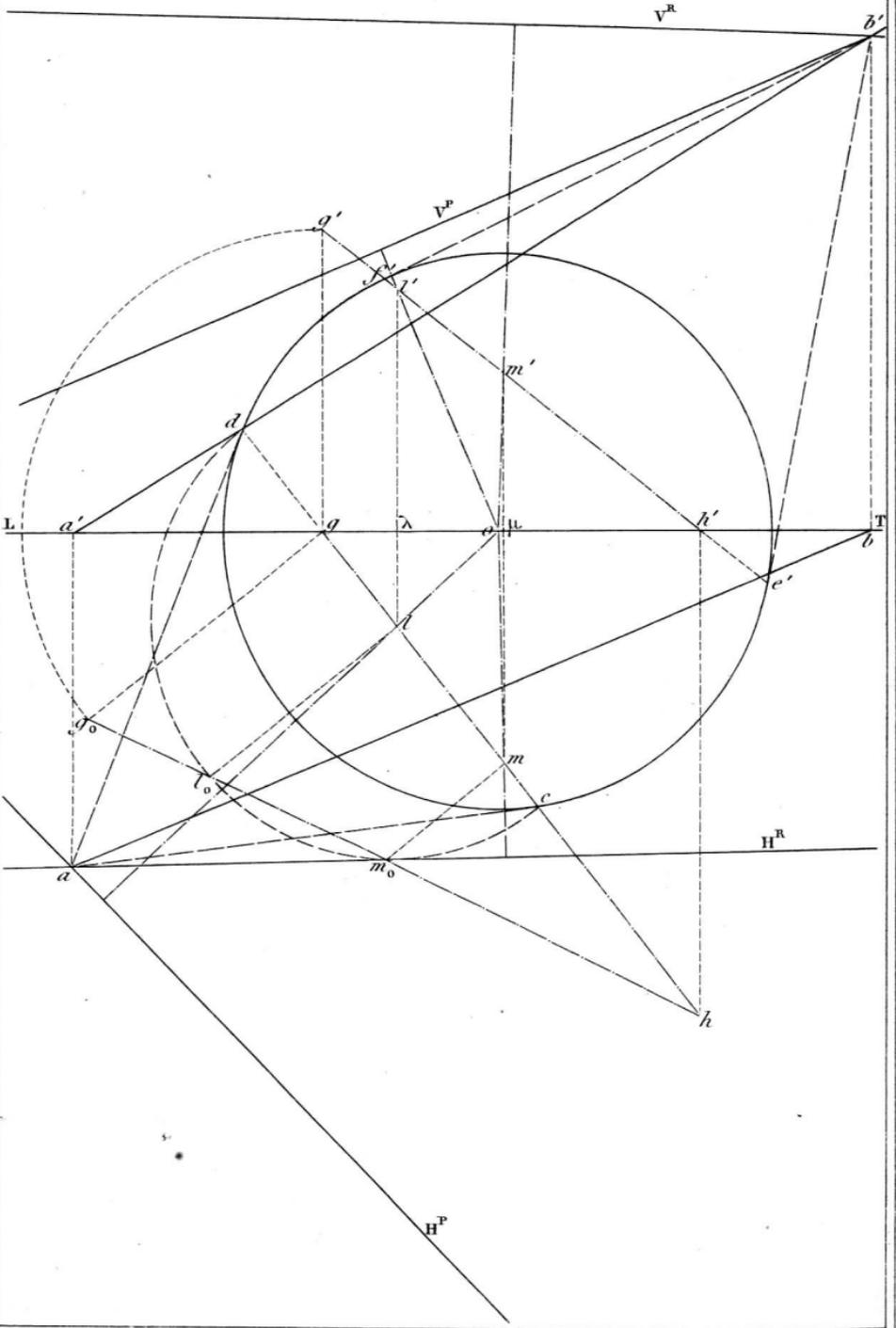


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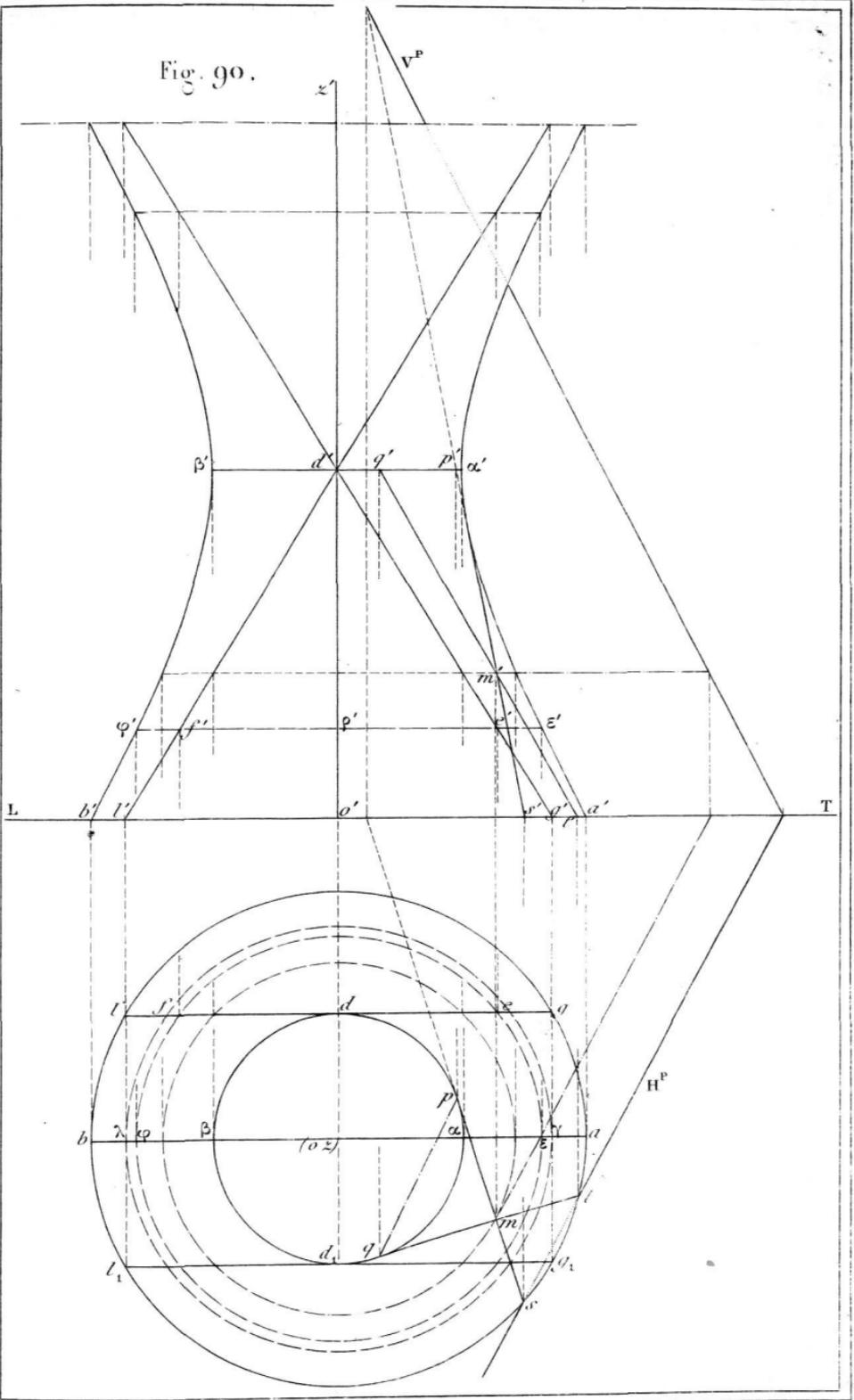




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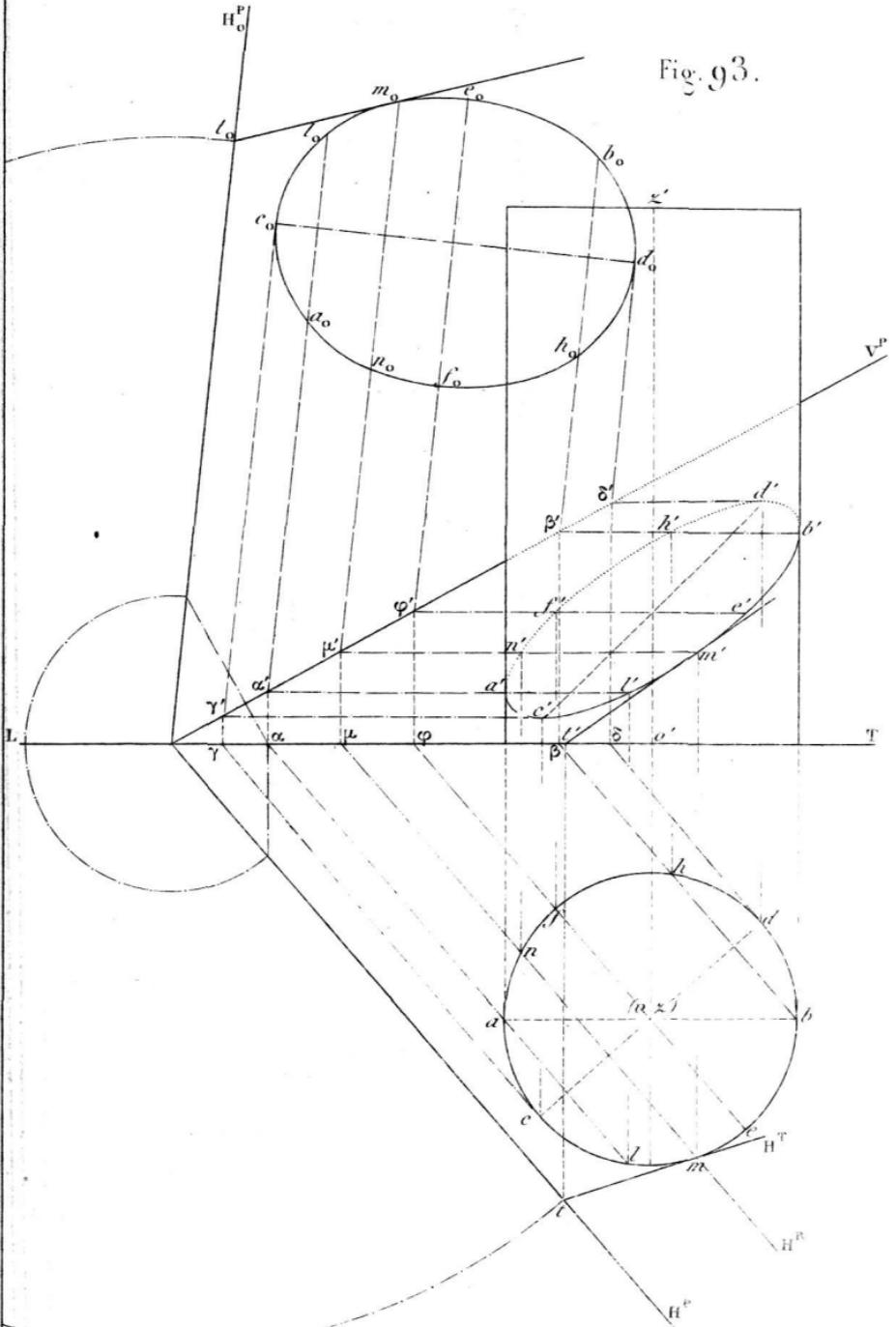


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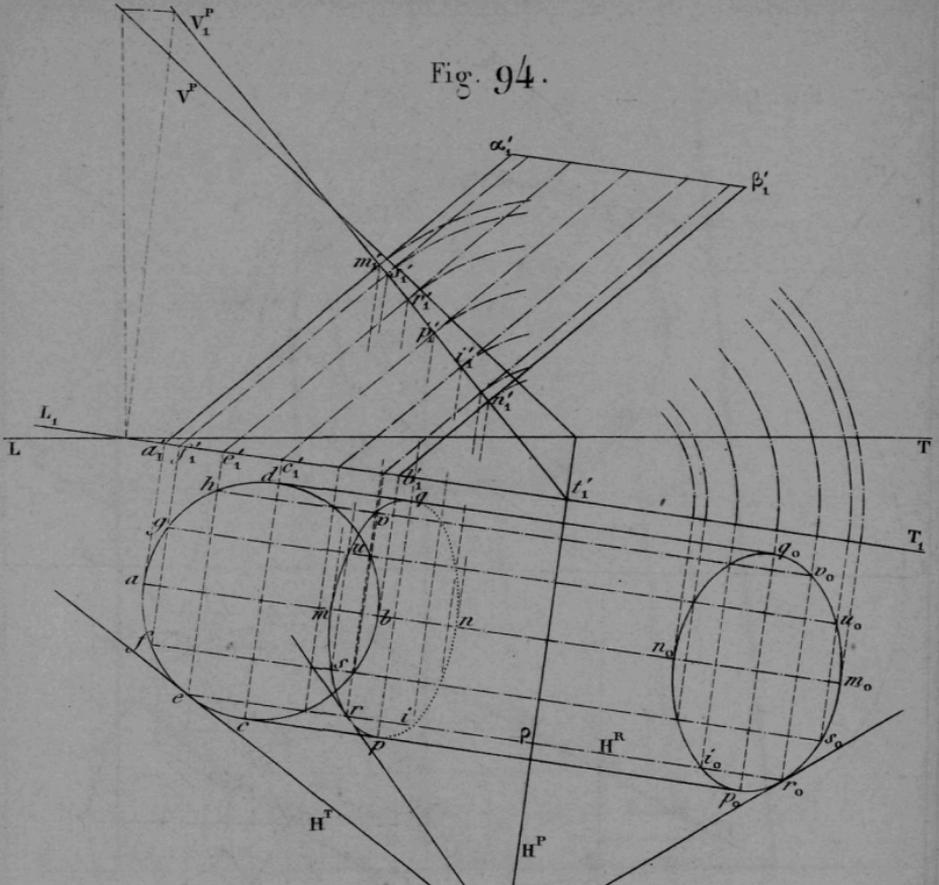


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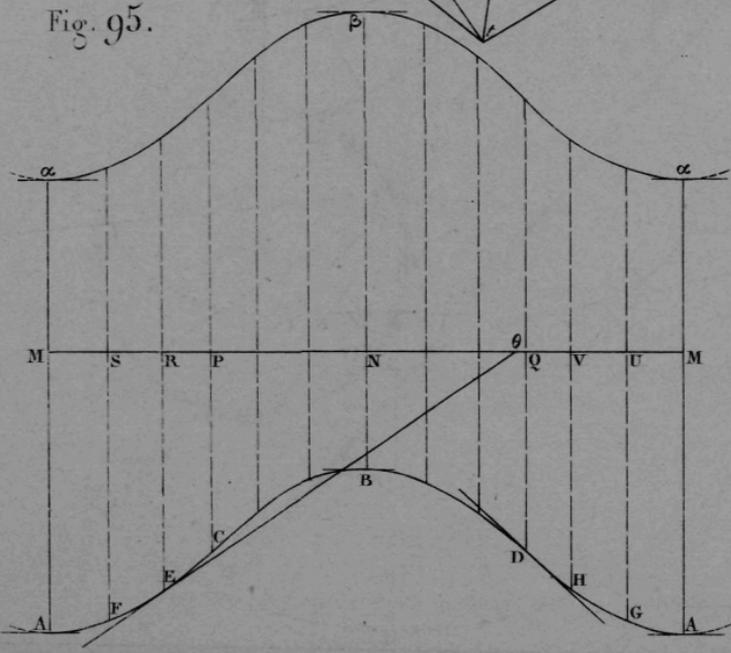


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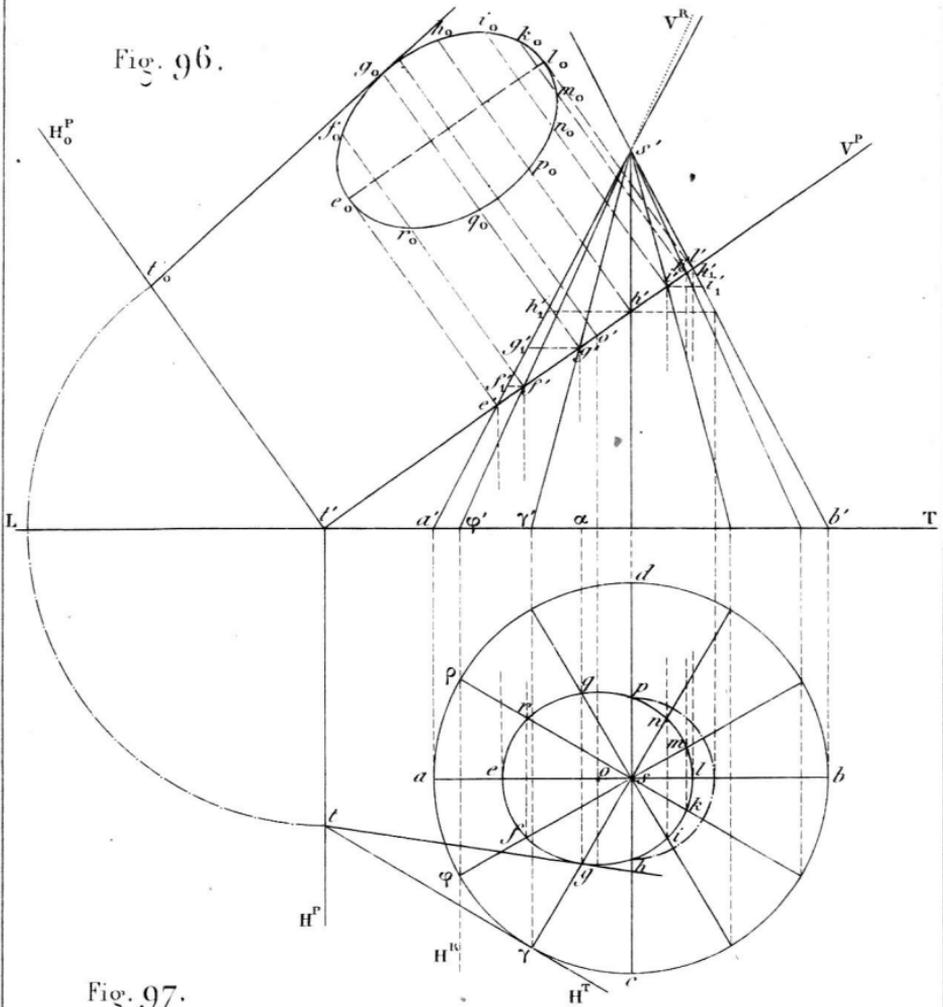


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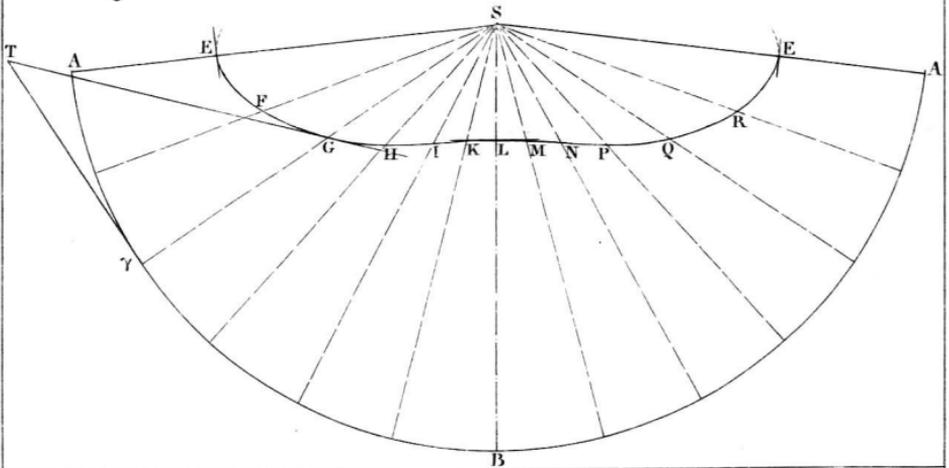


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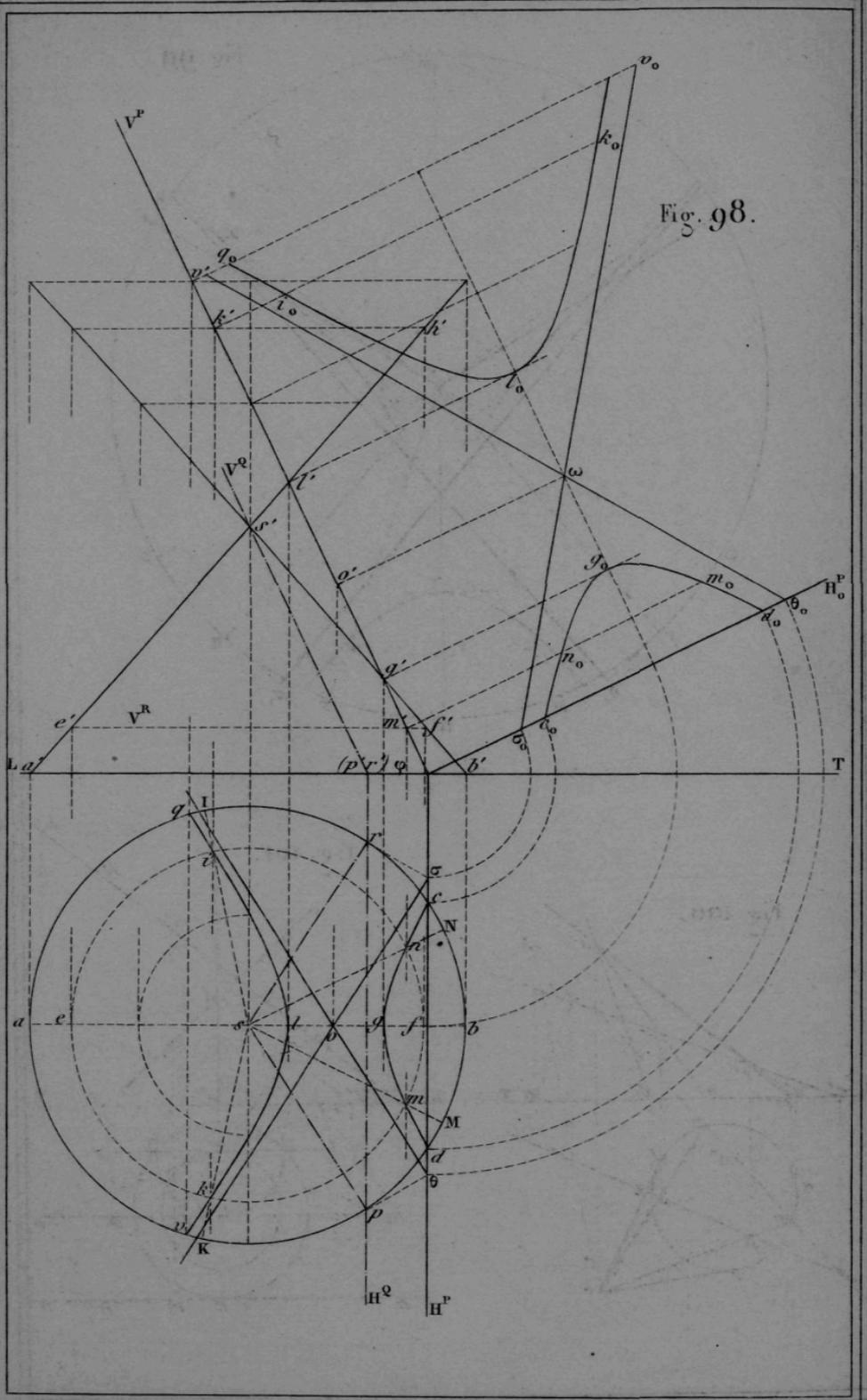




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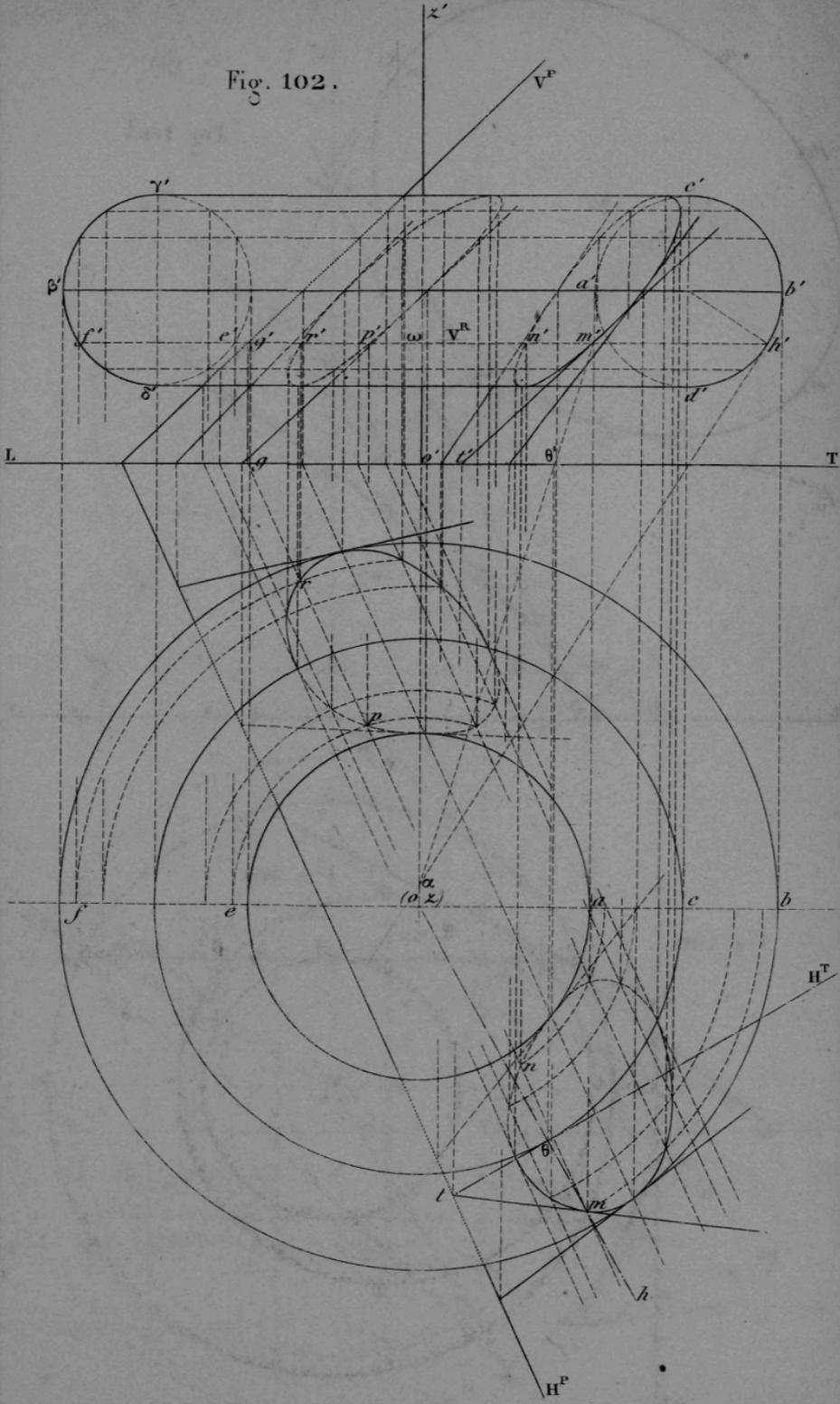


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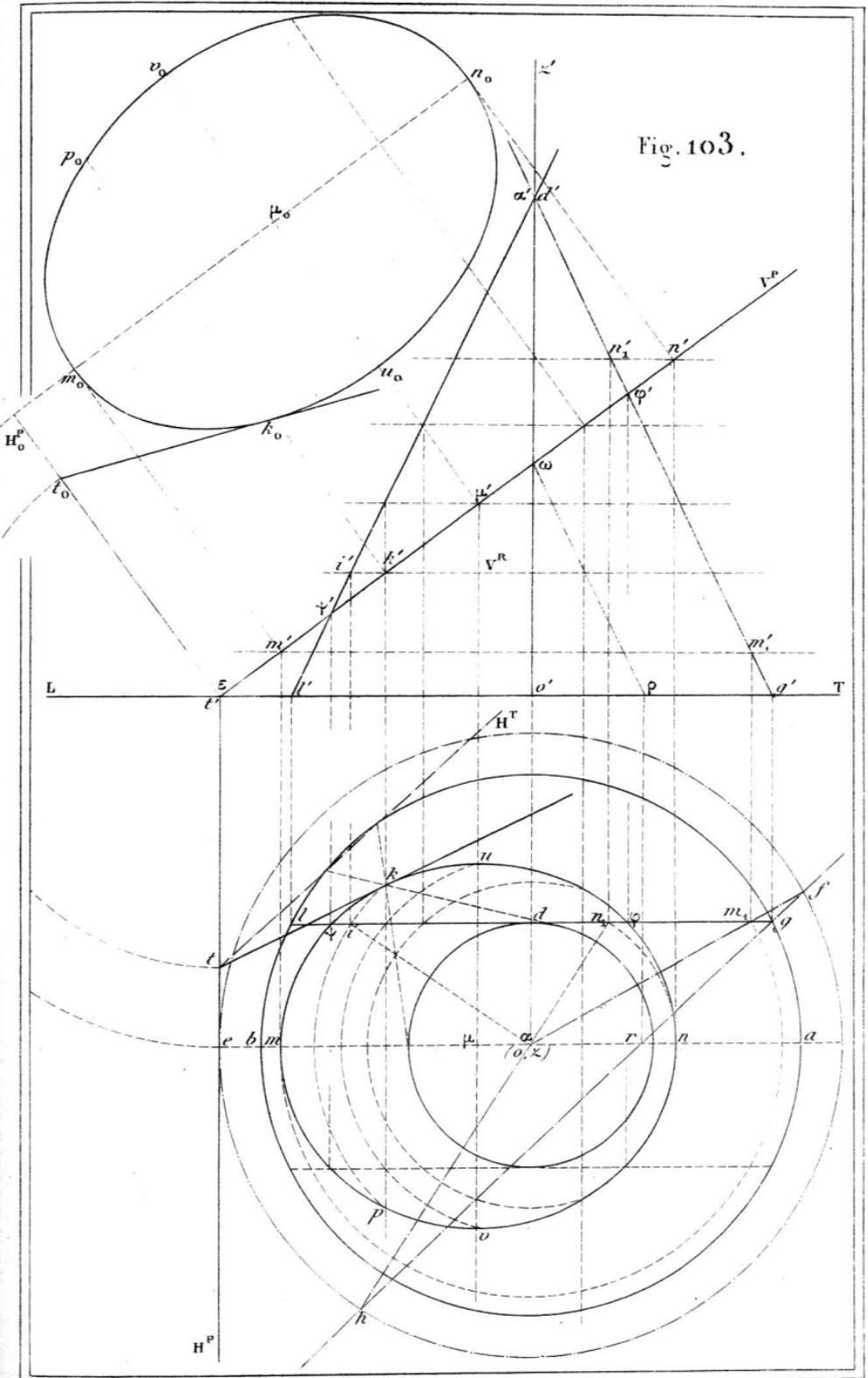


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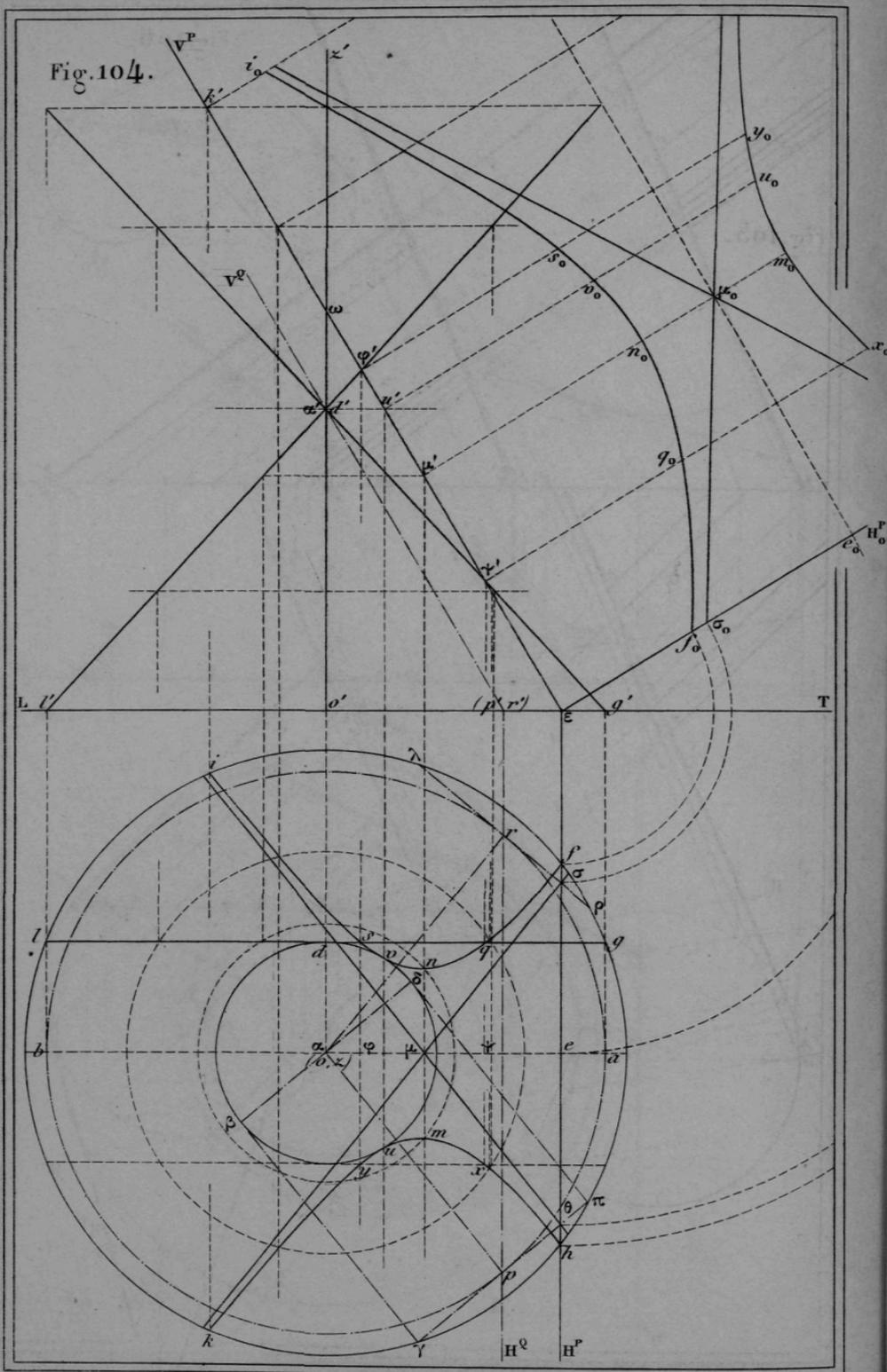






Fig. 109.

