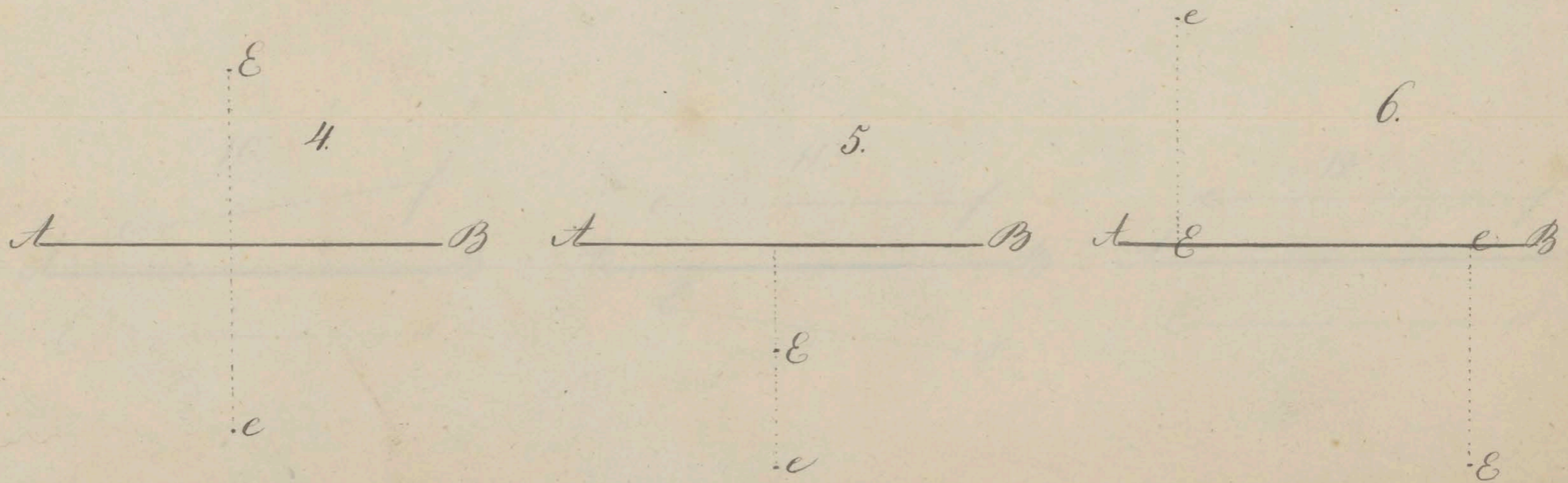
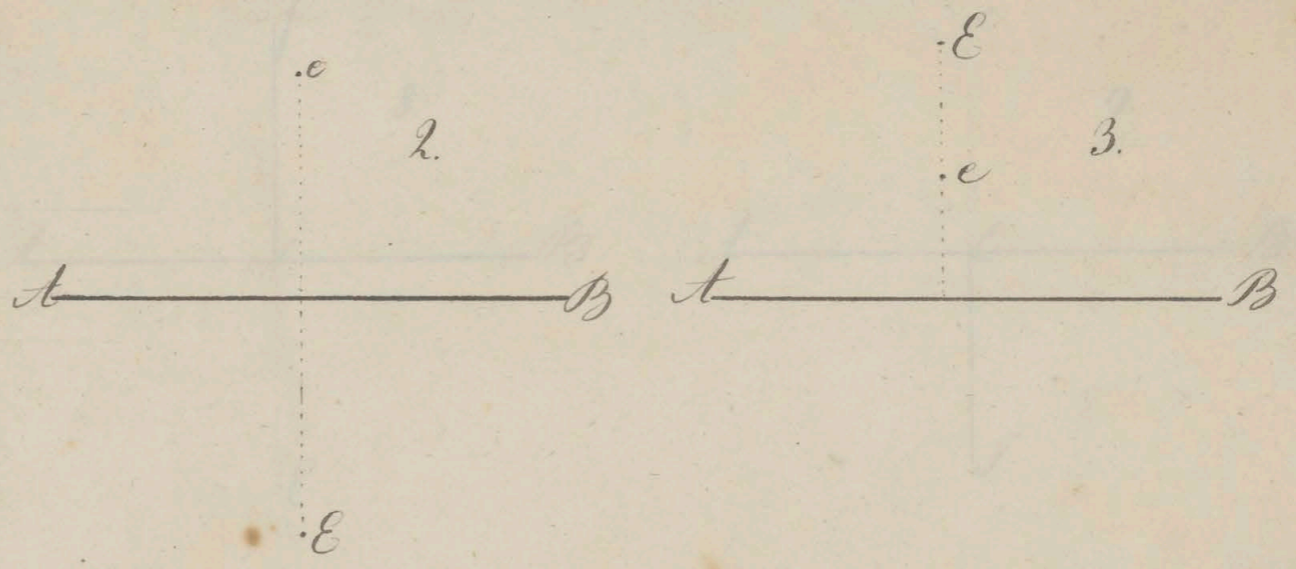
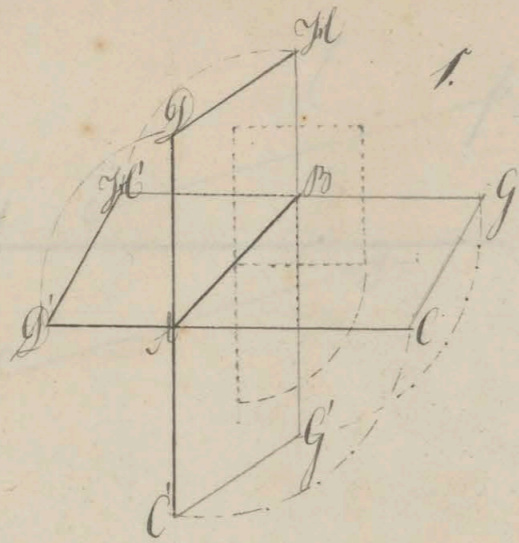


1189

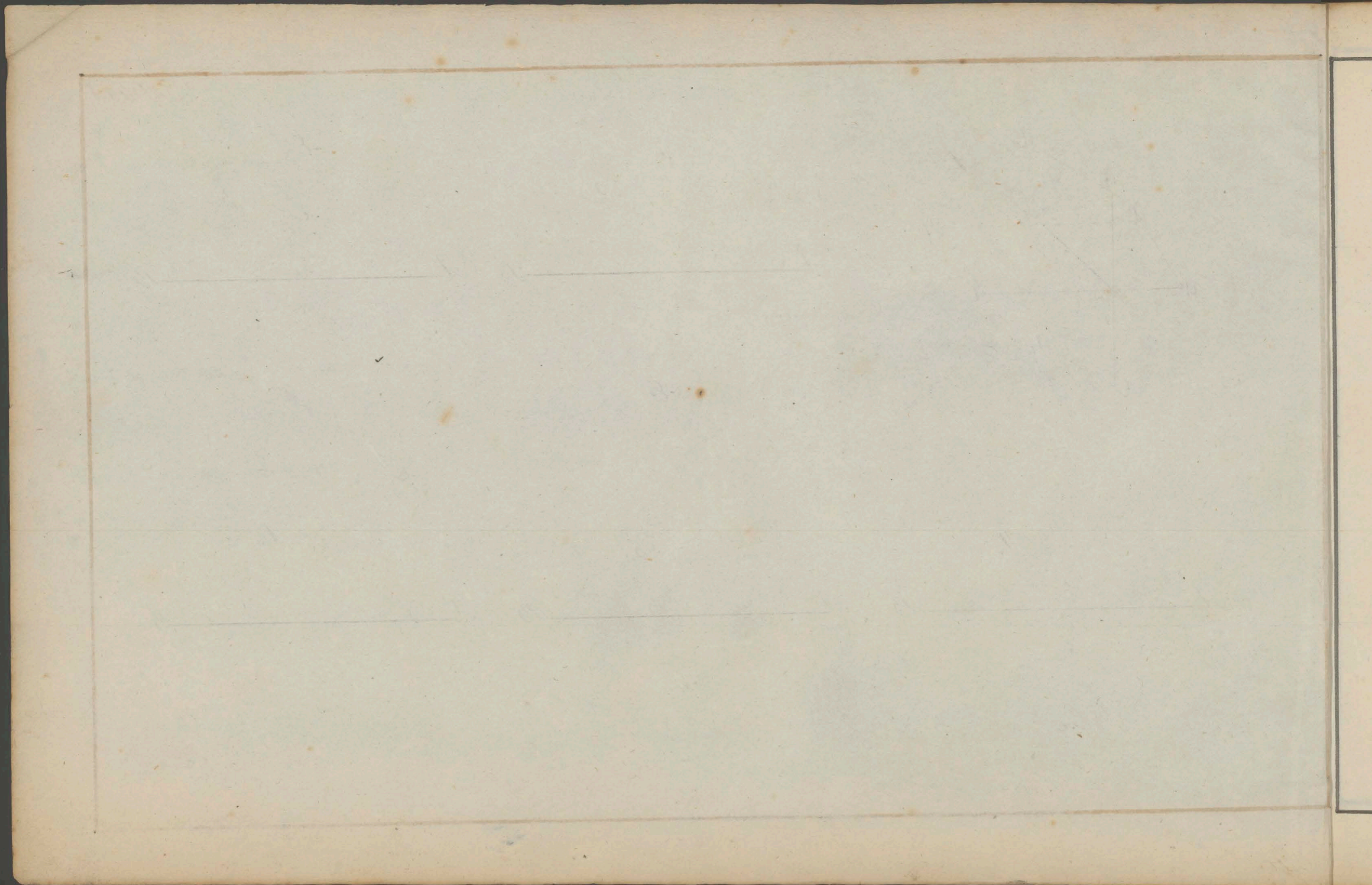
1.

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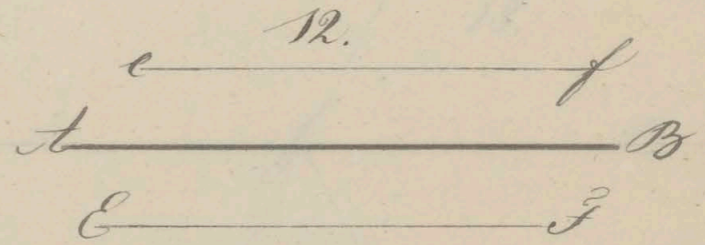
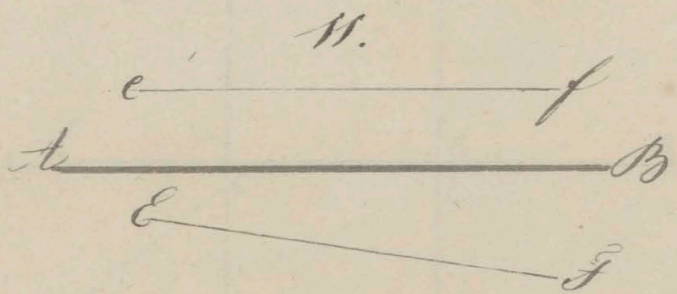
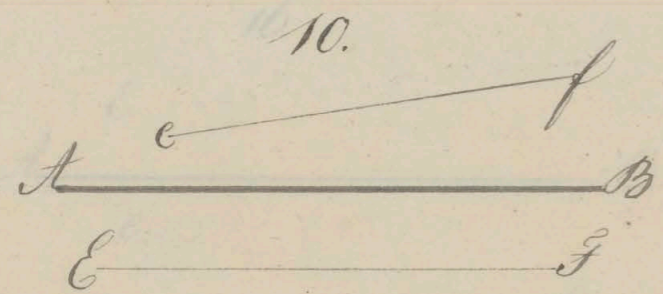
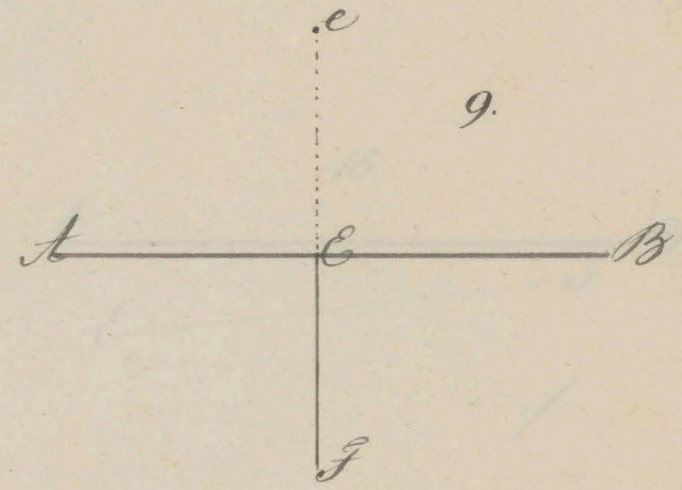
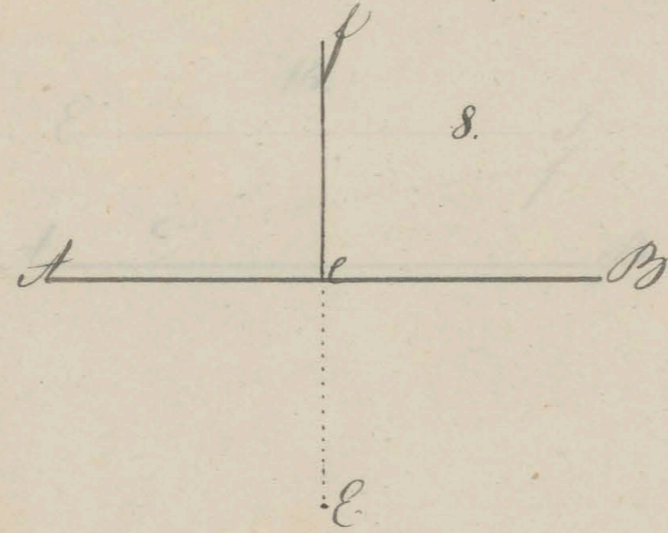
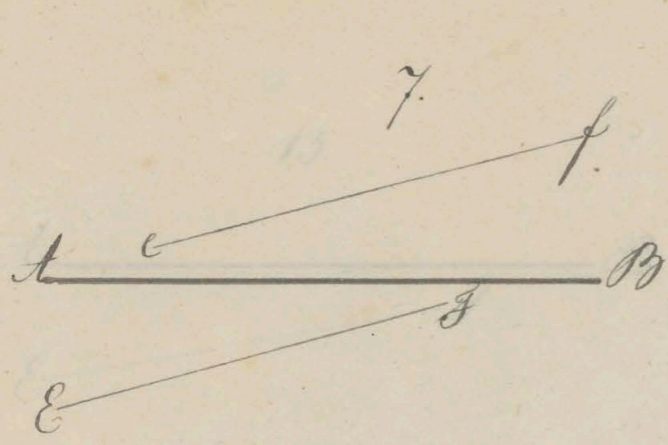
N. Y. 4189/i



J. Steinhilber

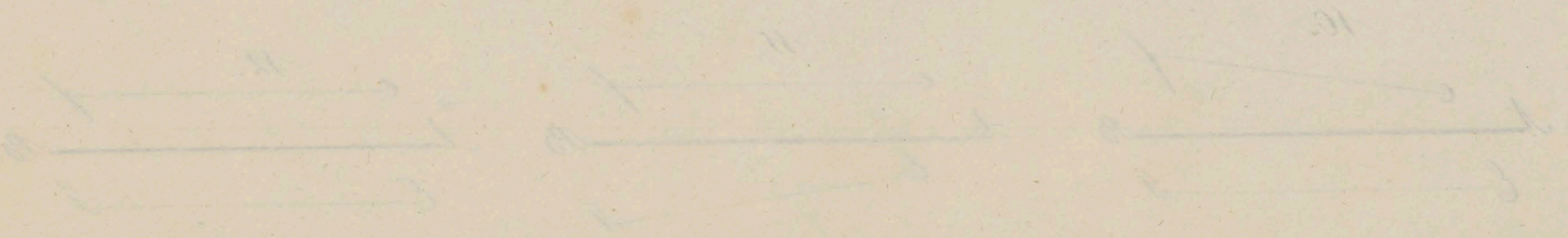


Tablica II

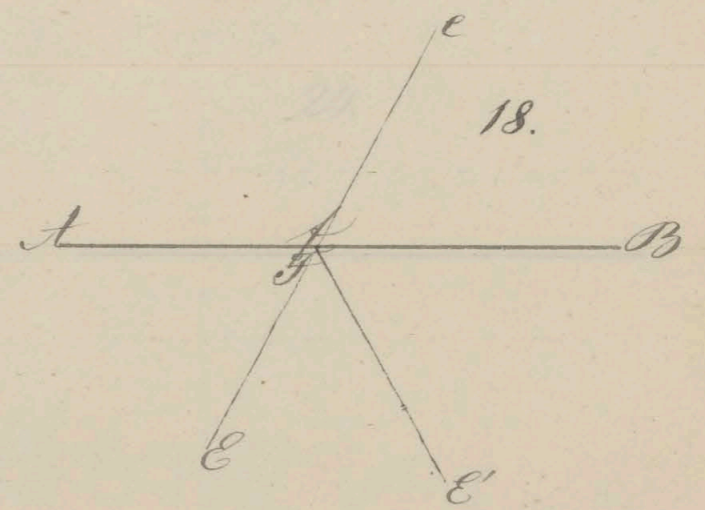
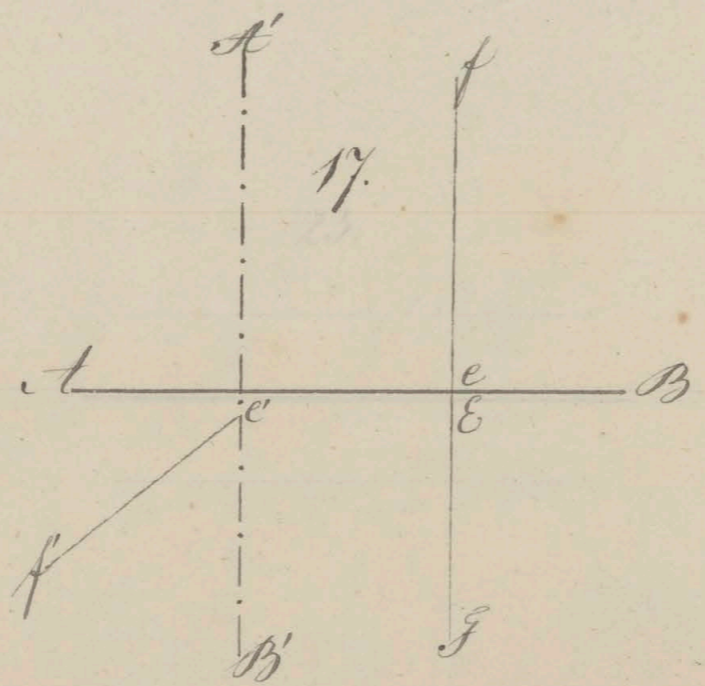
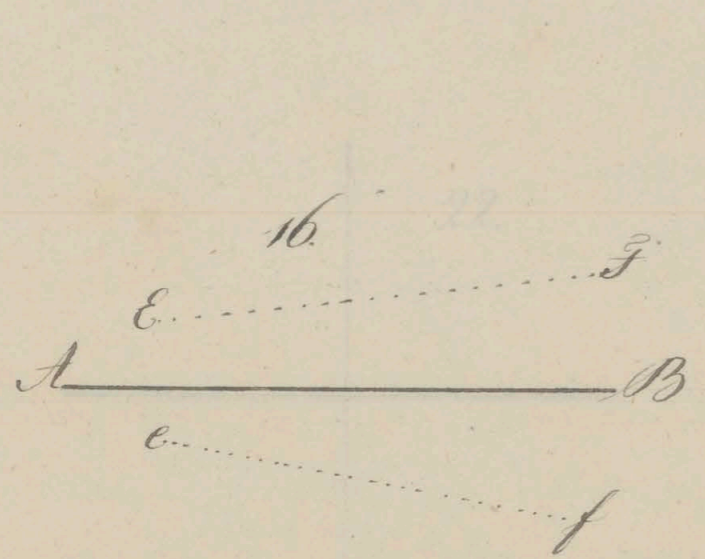
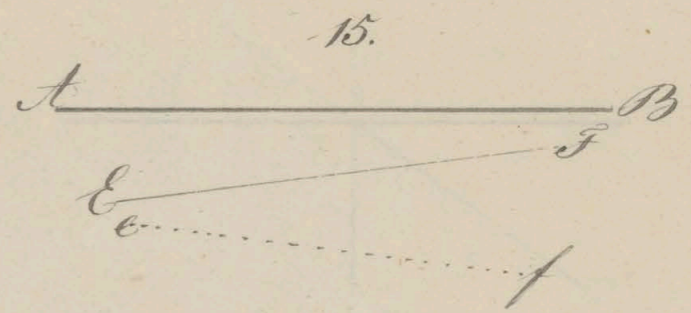
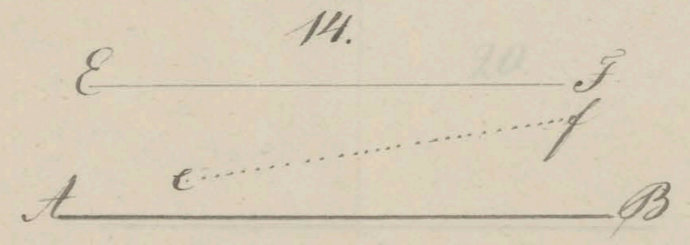
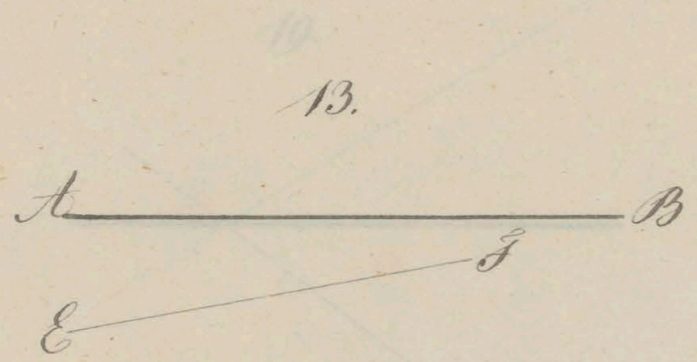


J. Steczkowski

Table 1



Tablica III



J. Steinhilber

Table II

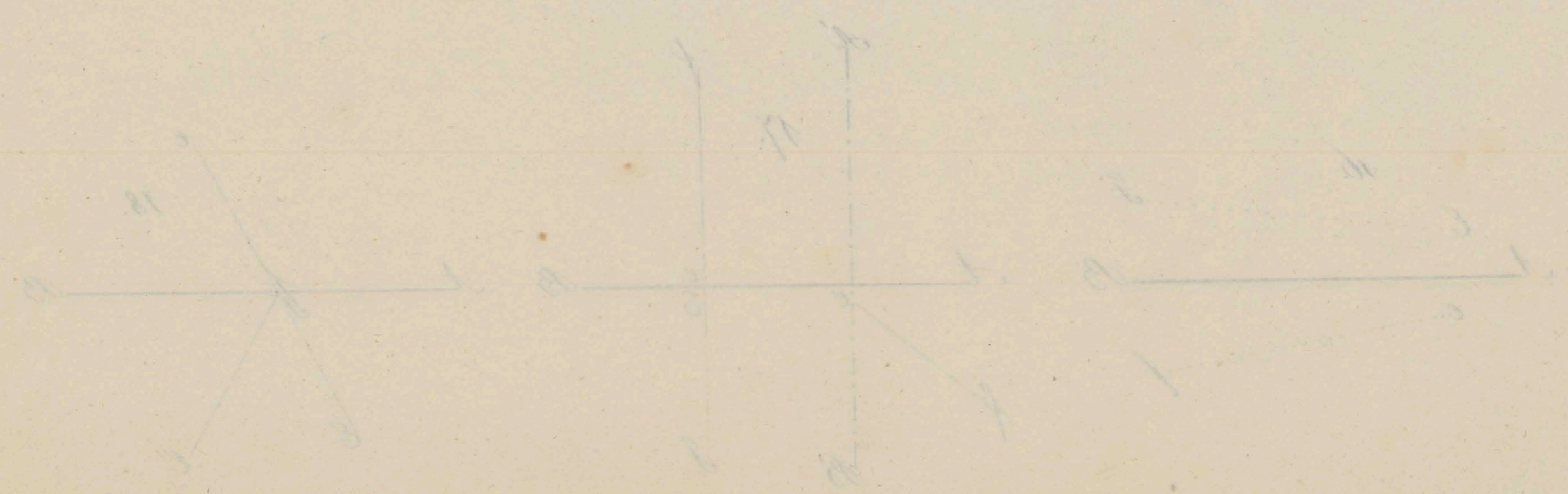
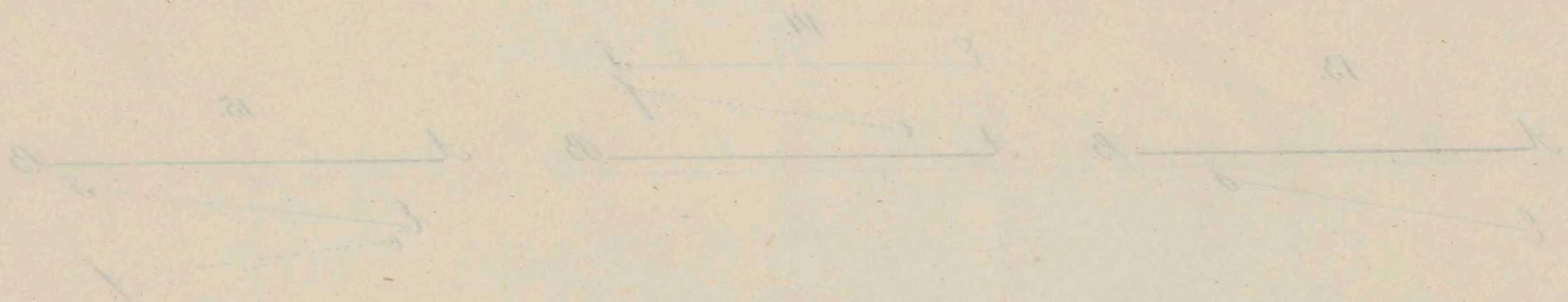
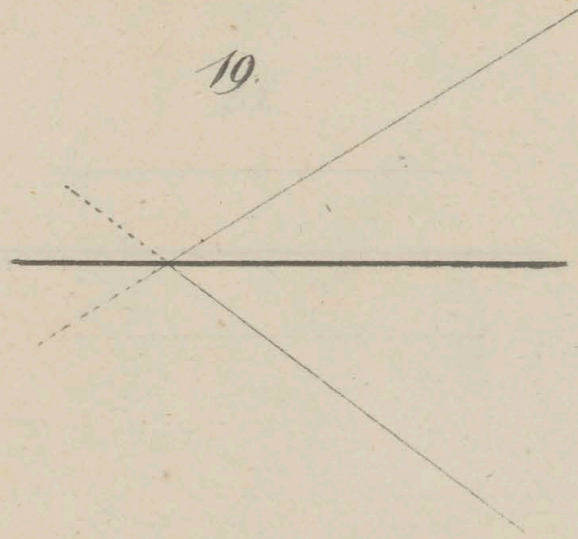


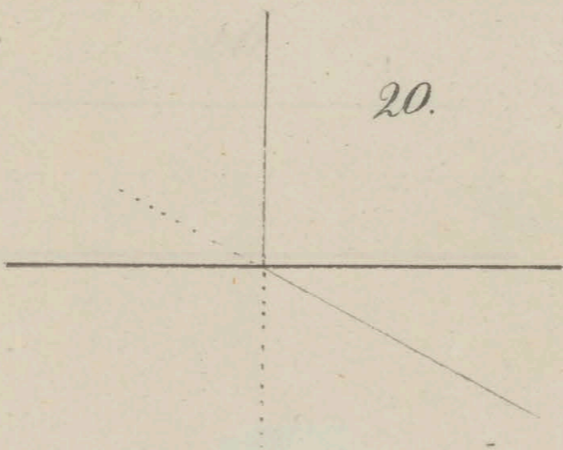
Table III

Tablica V.

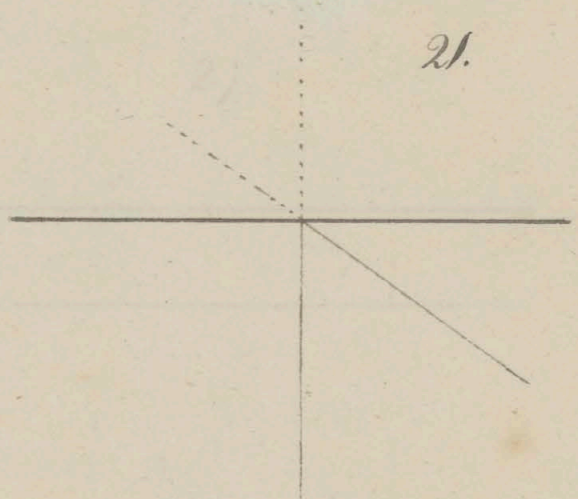
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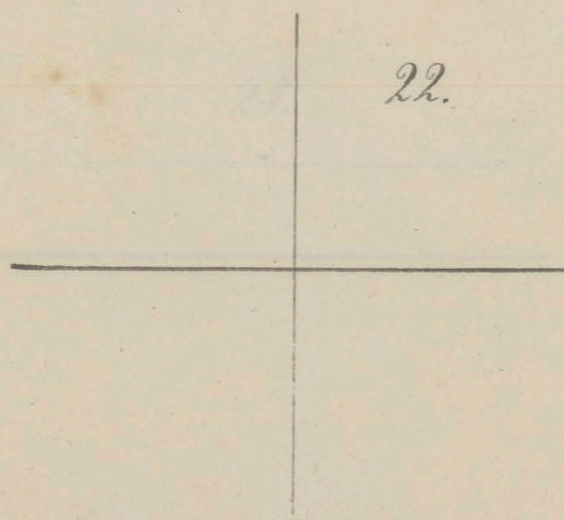
20.



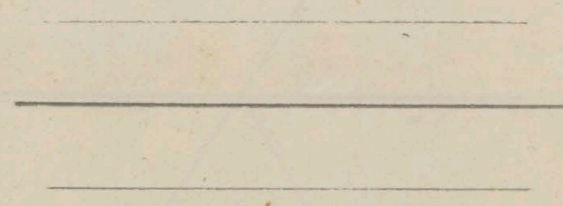
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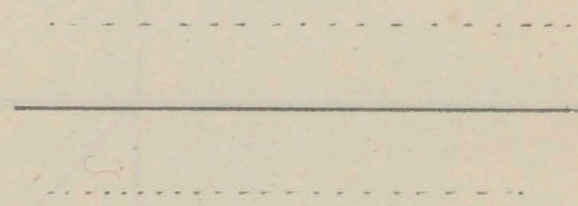
22.



23.



24.



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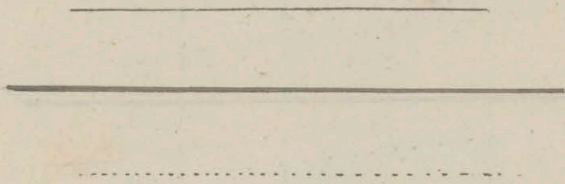
Table 1

	10	20	30
10			
20			
30			

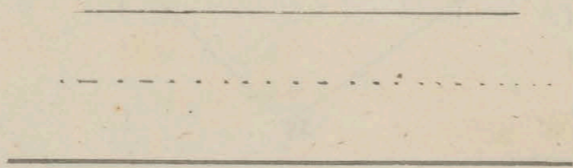
Continued

Tablica V

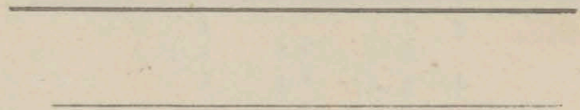
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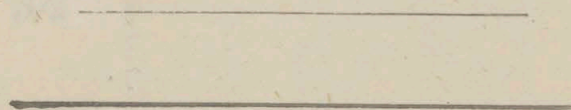
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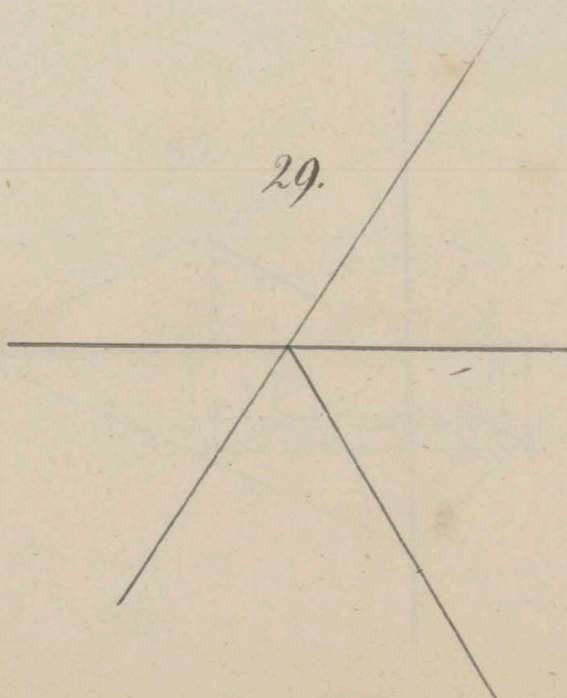
27.



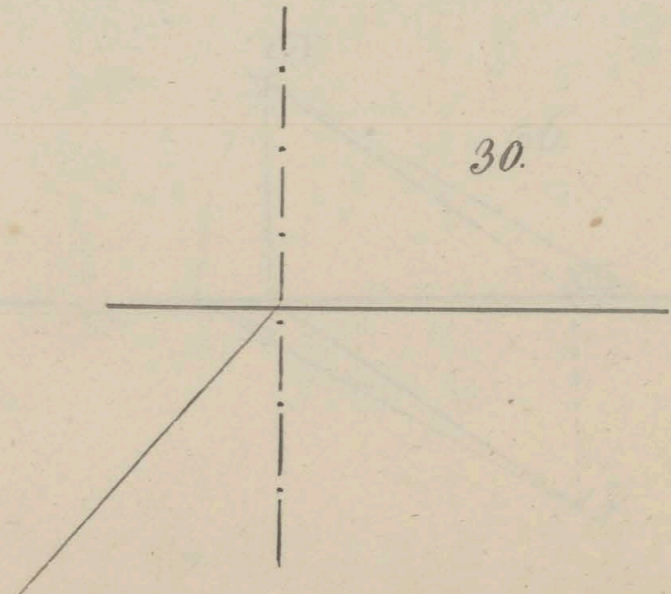
28.



29.



30.



J. Steczkowski

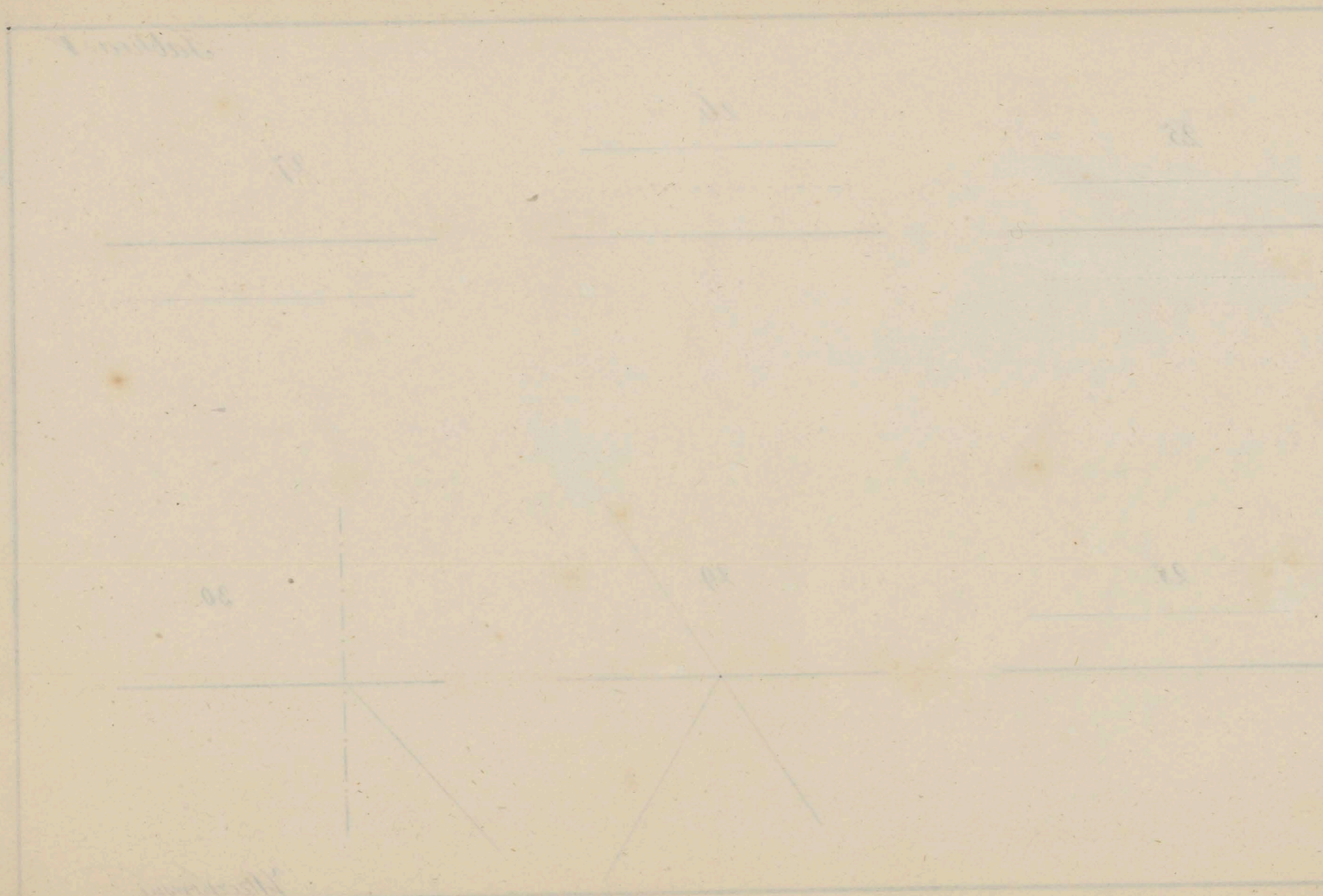
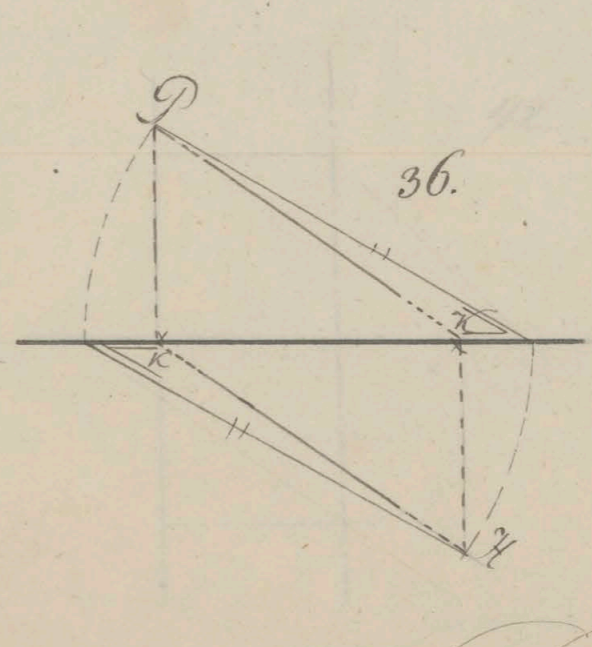
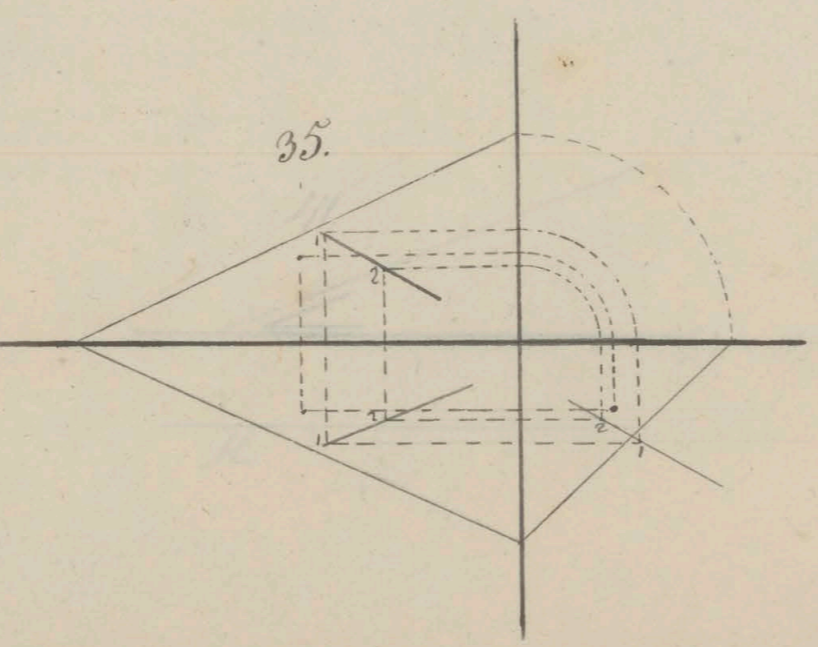
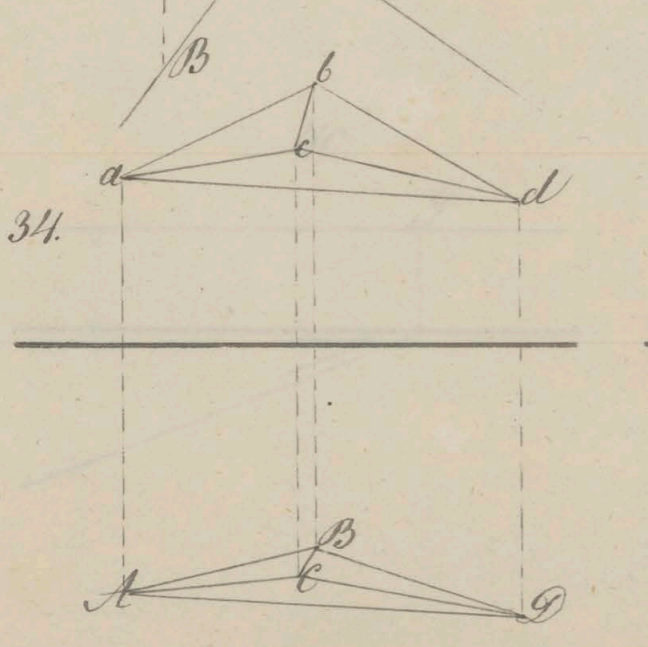
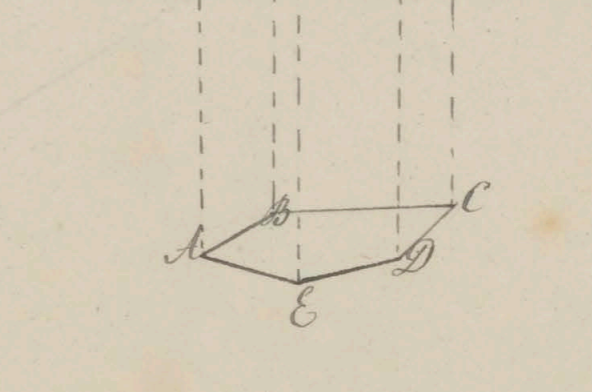
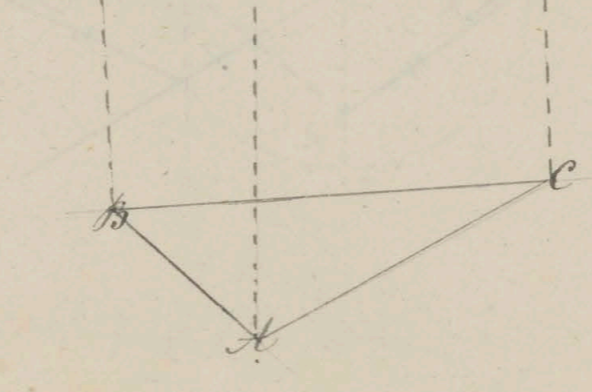
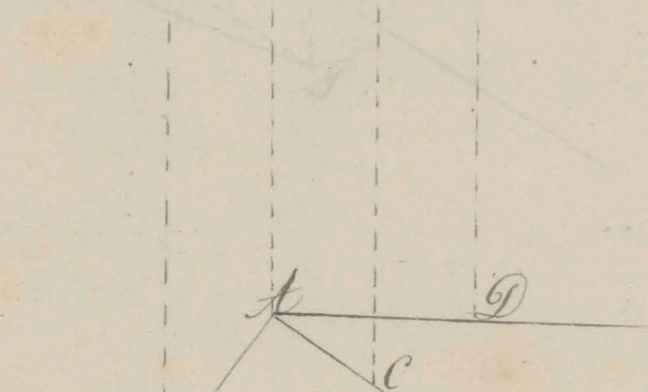
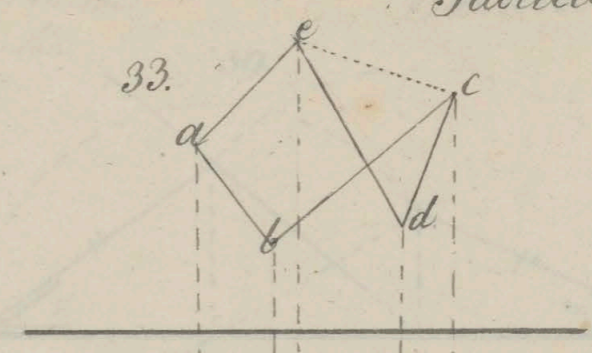
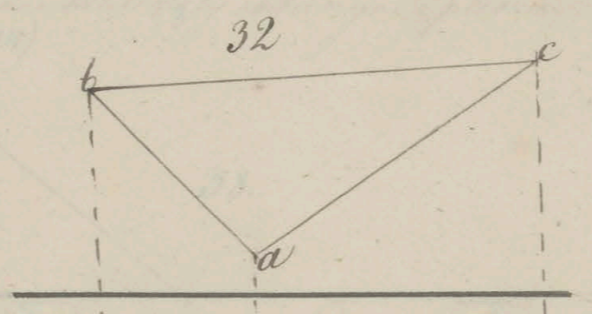
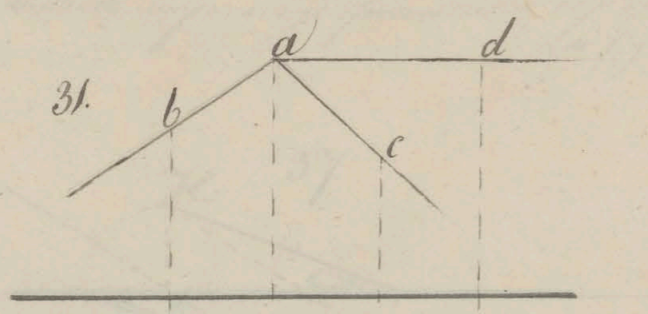


Tavola VI



Storhomski

Table II

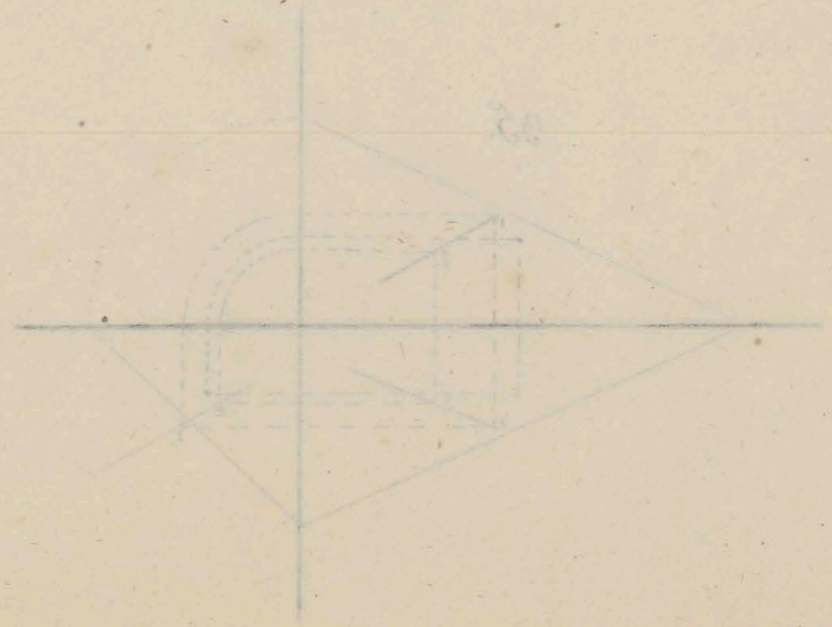
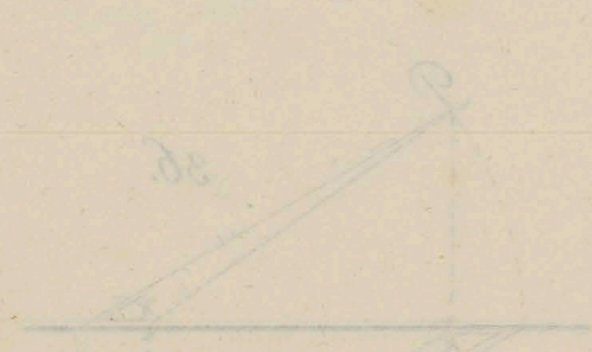
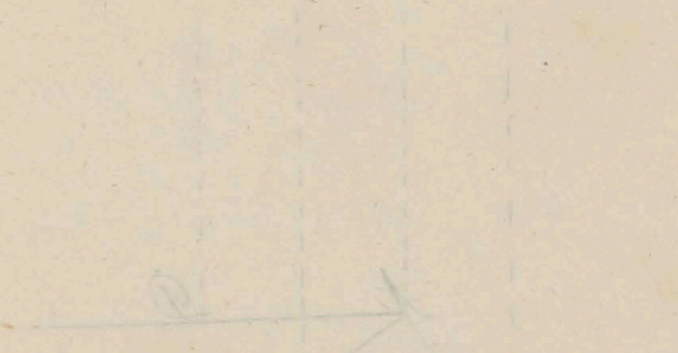
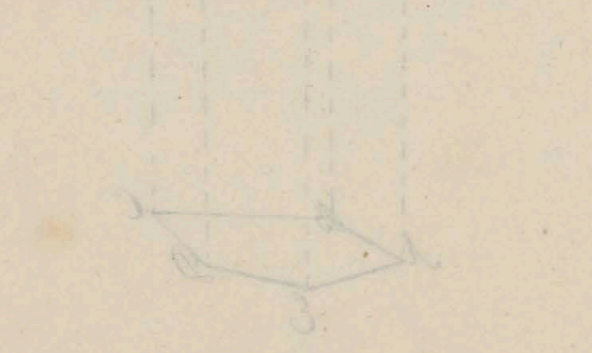
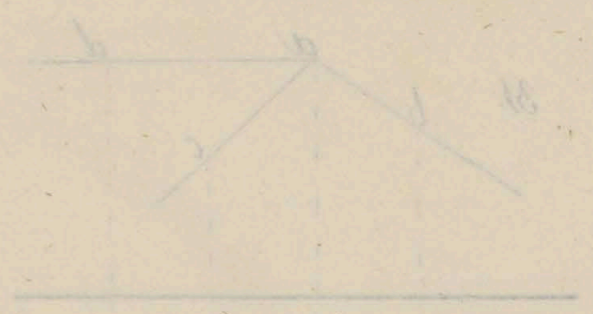
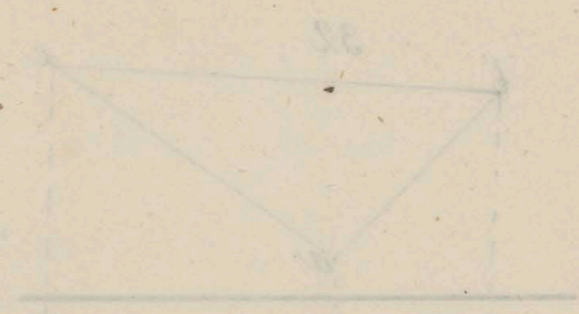
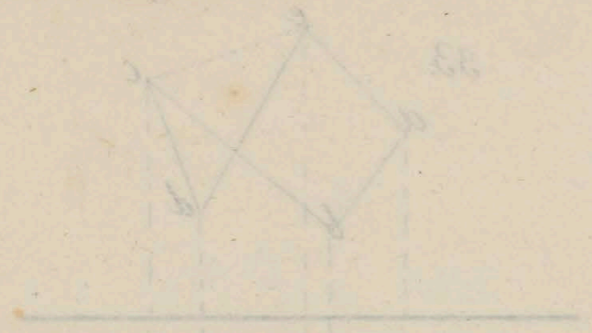
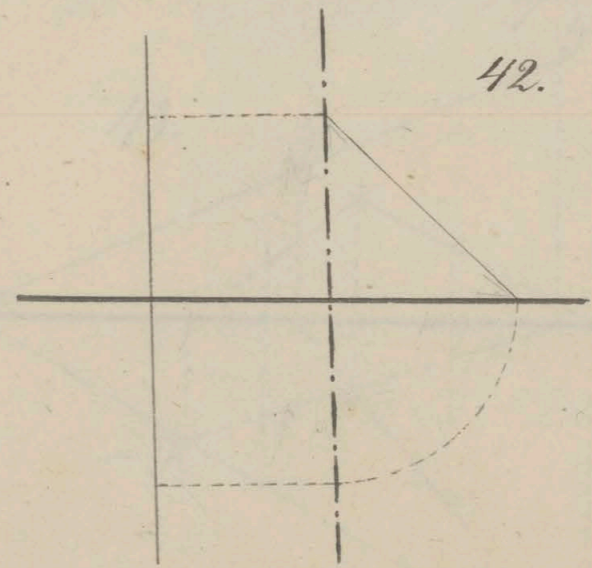
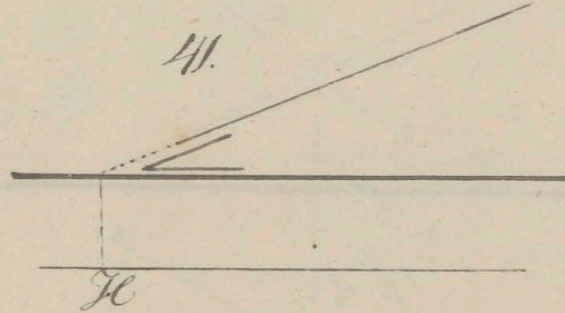
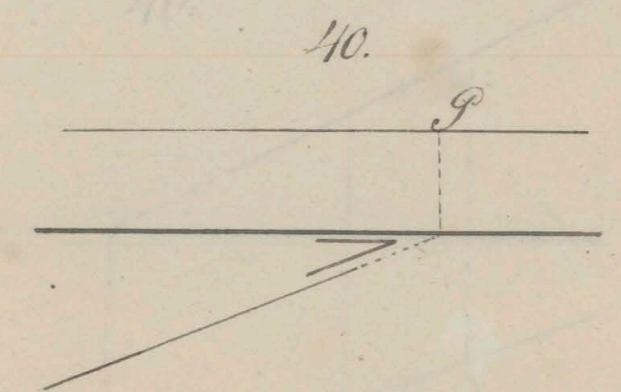
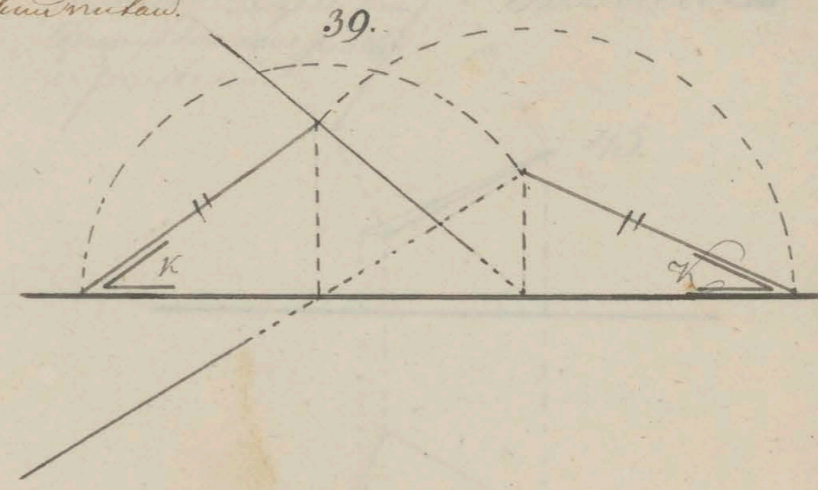
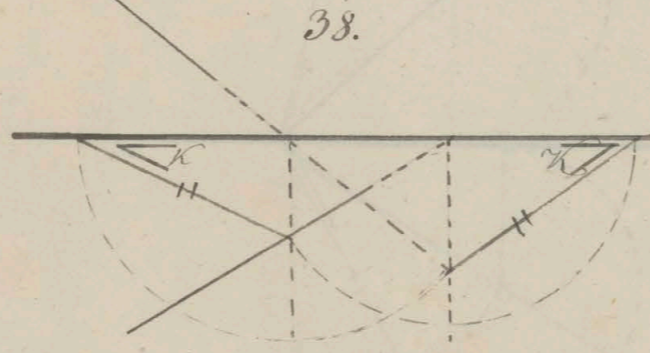
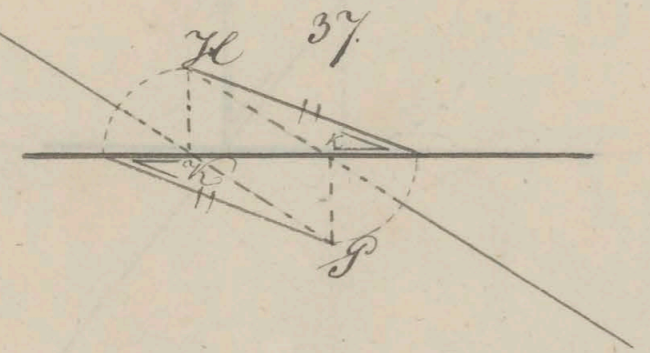


Table III

Tabl. VII

Mając daną linię prostą w prostoliniu, oznaczę punkta, w których opoty ka płaszczyzny musław, tudzież wprawy jej prawości i jej otęgości, a narysuję także i kładowy i płaszczyzny musław.



J. Stecchowski.

Table 11

These are the parts of a ...
... of ...

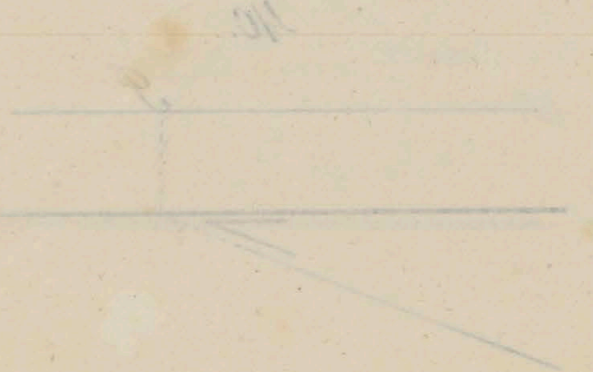
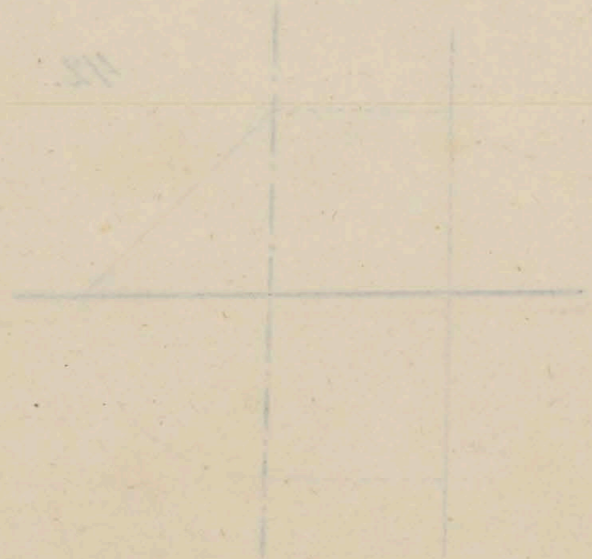
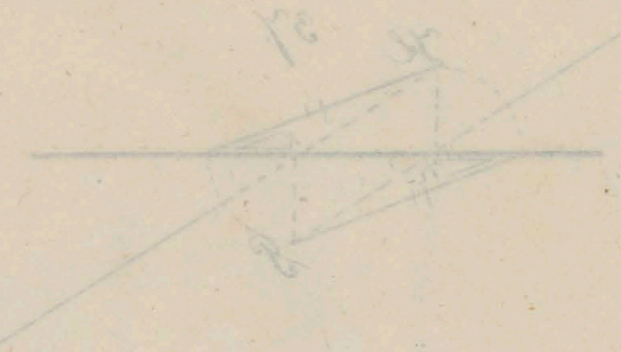
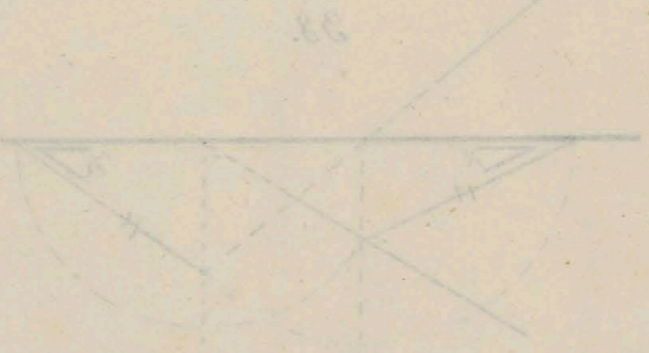
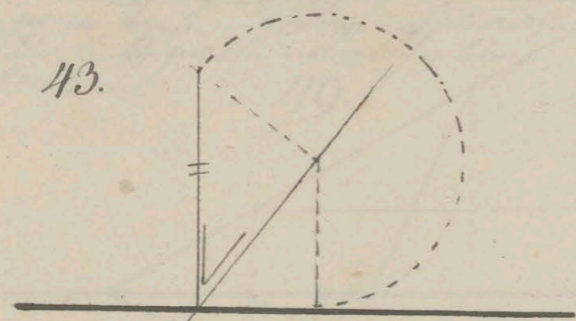


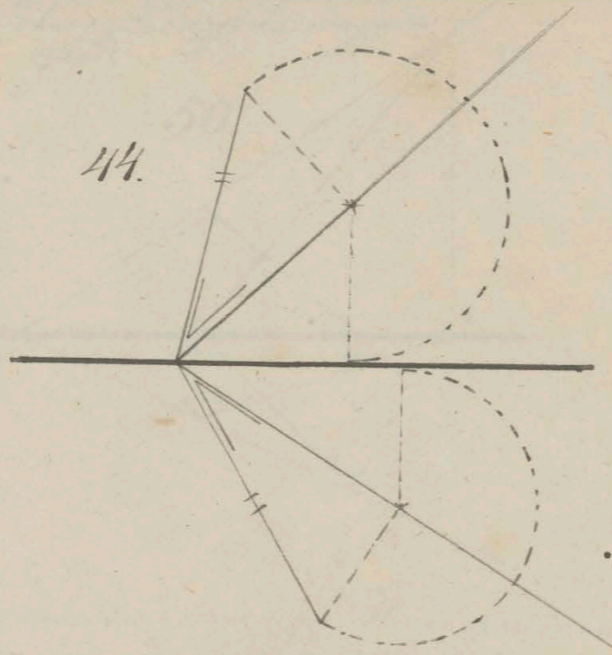
Table 11

43.



Maize danq lenia, w prostroeni punktu
na niy, treba ma ty leni, powozajz od
danego punktu, odciżi orzad = a leni danq.

44.

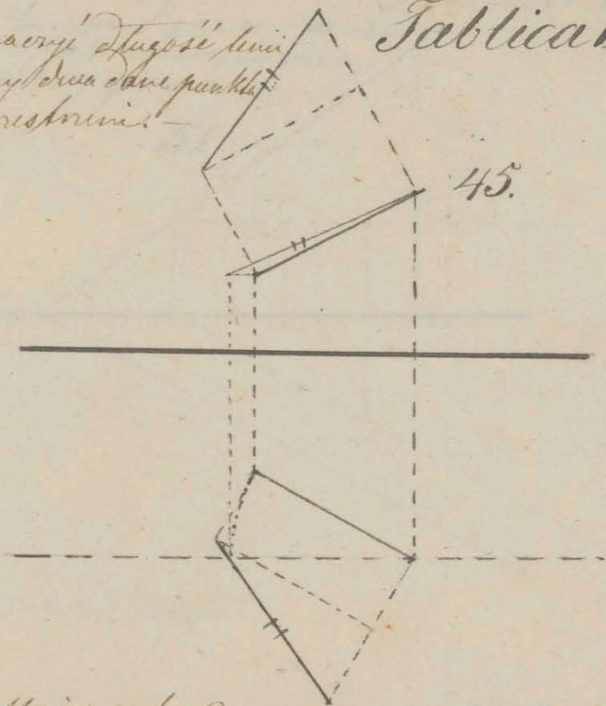


Wykaz, dawe dwie lenie w prostroeni
punkcinajz sic wyznacziżi kst iaki
orzad w prostroeni.

Tablca VIII

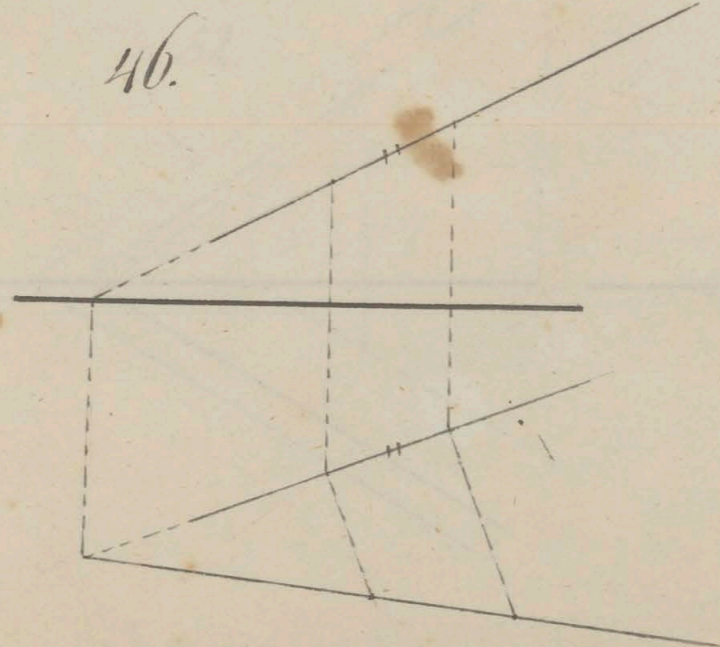
Wyznacziżi dwoje leni
tęzajz dwa dane punkty
w prostroeni.

45.

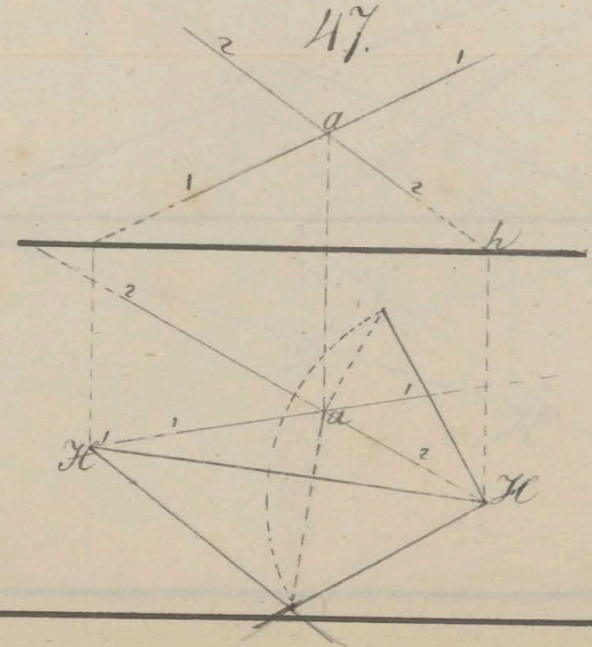


Maize maly 3 punkta wyznacziżi stady
plaszczyny, przesunijz je w 3 punkta

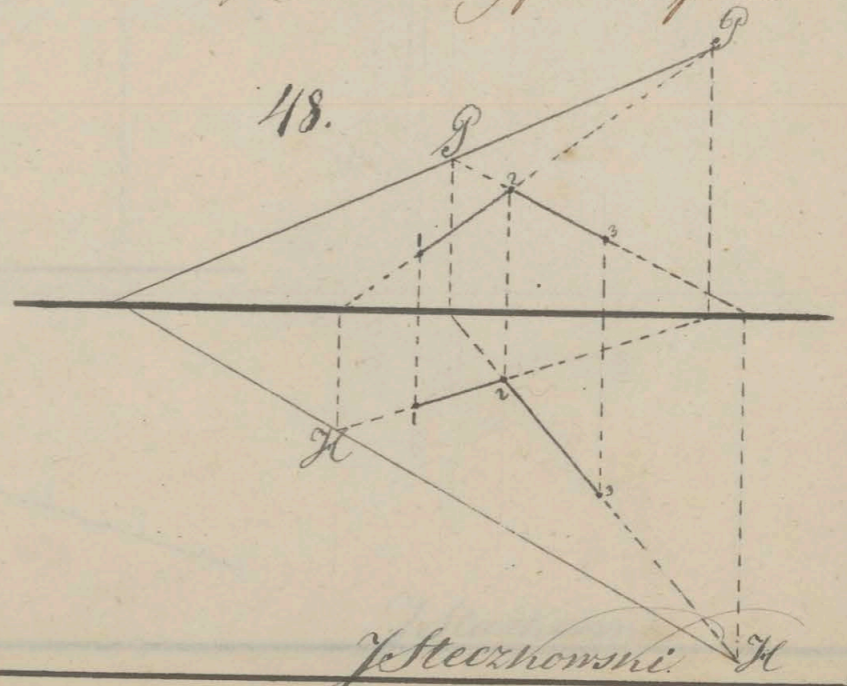
46.



47.

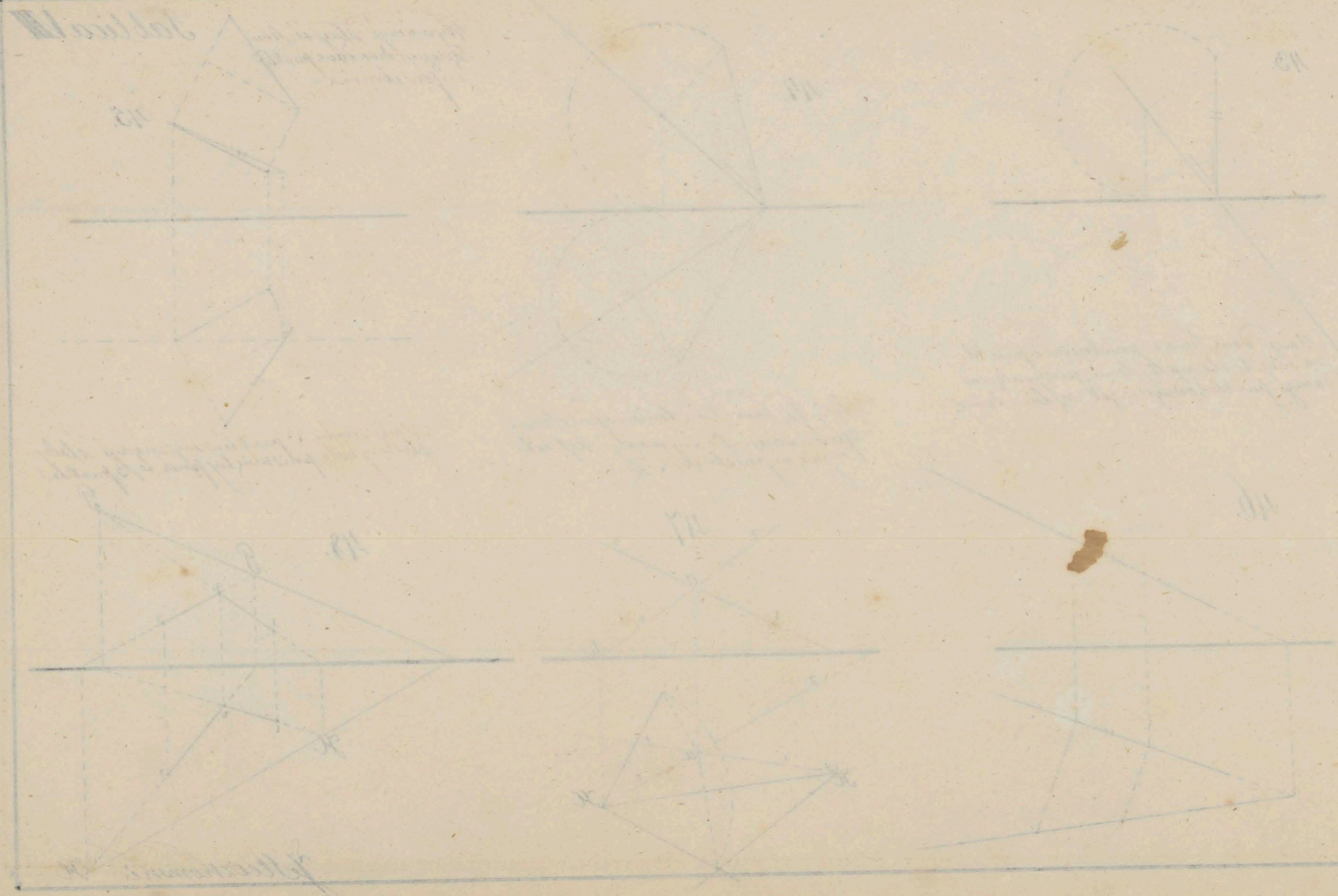


48.



J. Stecchowski

Tableau



Faint handwritten notes in the top left corner, possibly describing the diagrams.

Faint handwritten notes in the middle left section.

Faint handwritten notes at the bottom left corner.

11

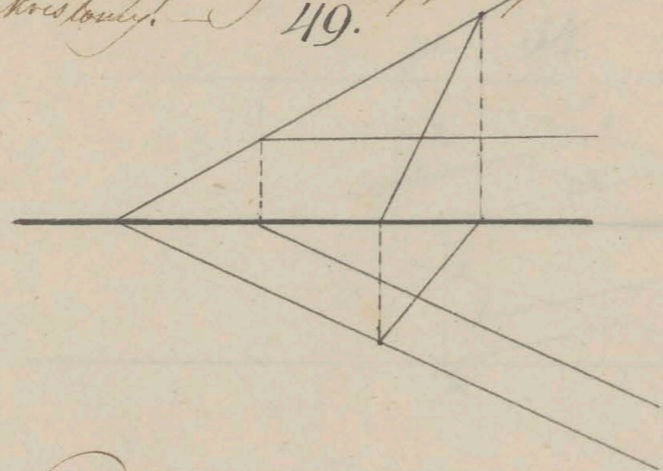
11

11

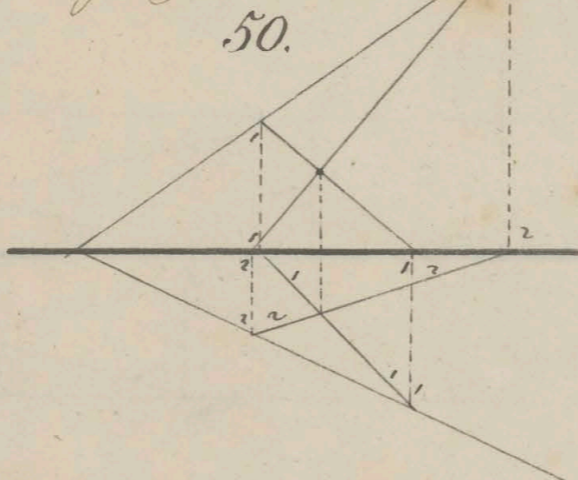
11

Tabela IX

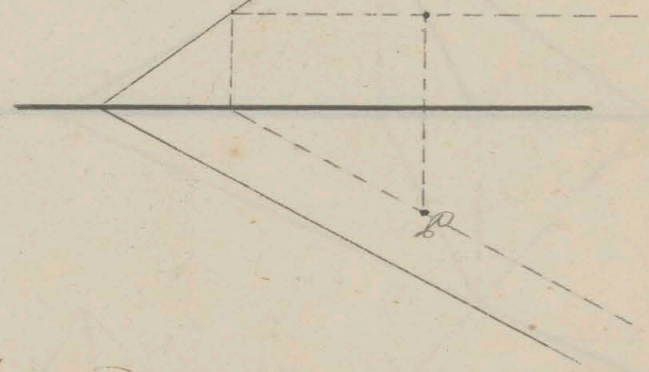
Mając dany płaszczyznę w przestrzeni i jej rzut, oraz punkt na tej płaszczyźnie, znaleźć jego rzut na daną płaszczyznę. — 49.



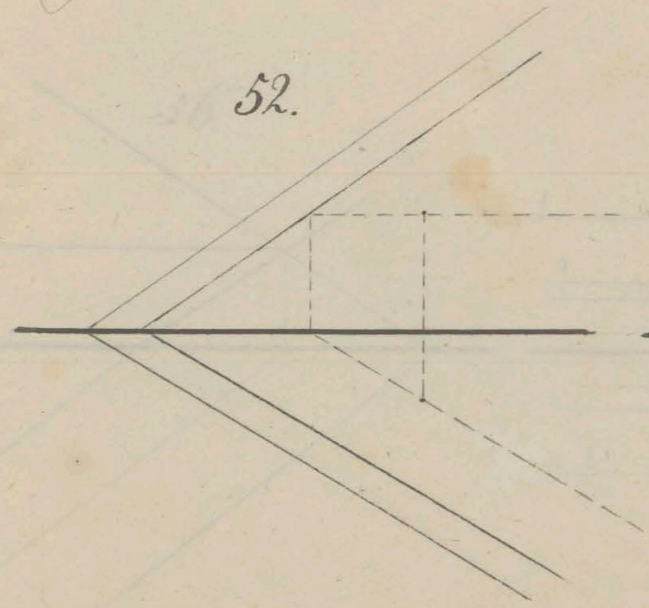
Wyznaczyć rzut punktu na daną płaszczyznę i jego rzut na daną płaszczyznę. — 50.



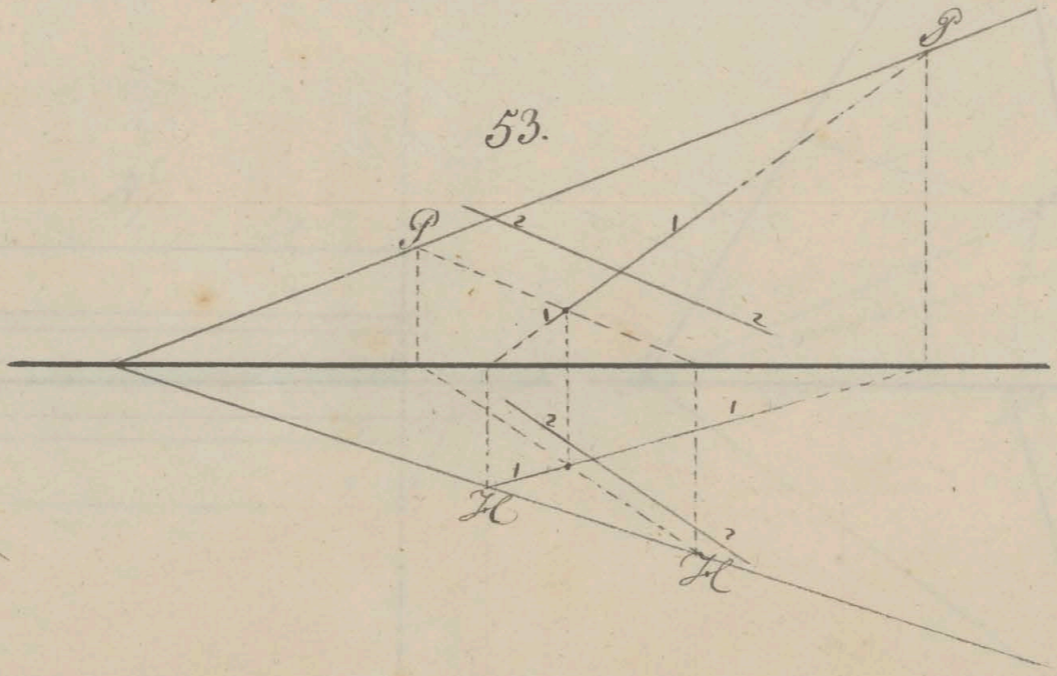
Mając punkt poziomy i jego rzut na płaszczyznę, znaleźć jego rzut na daną płaszczyznę. — 51.



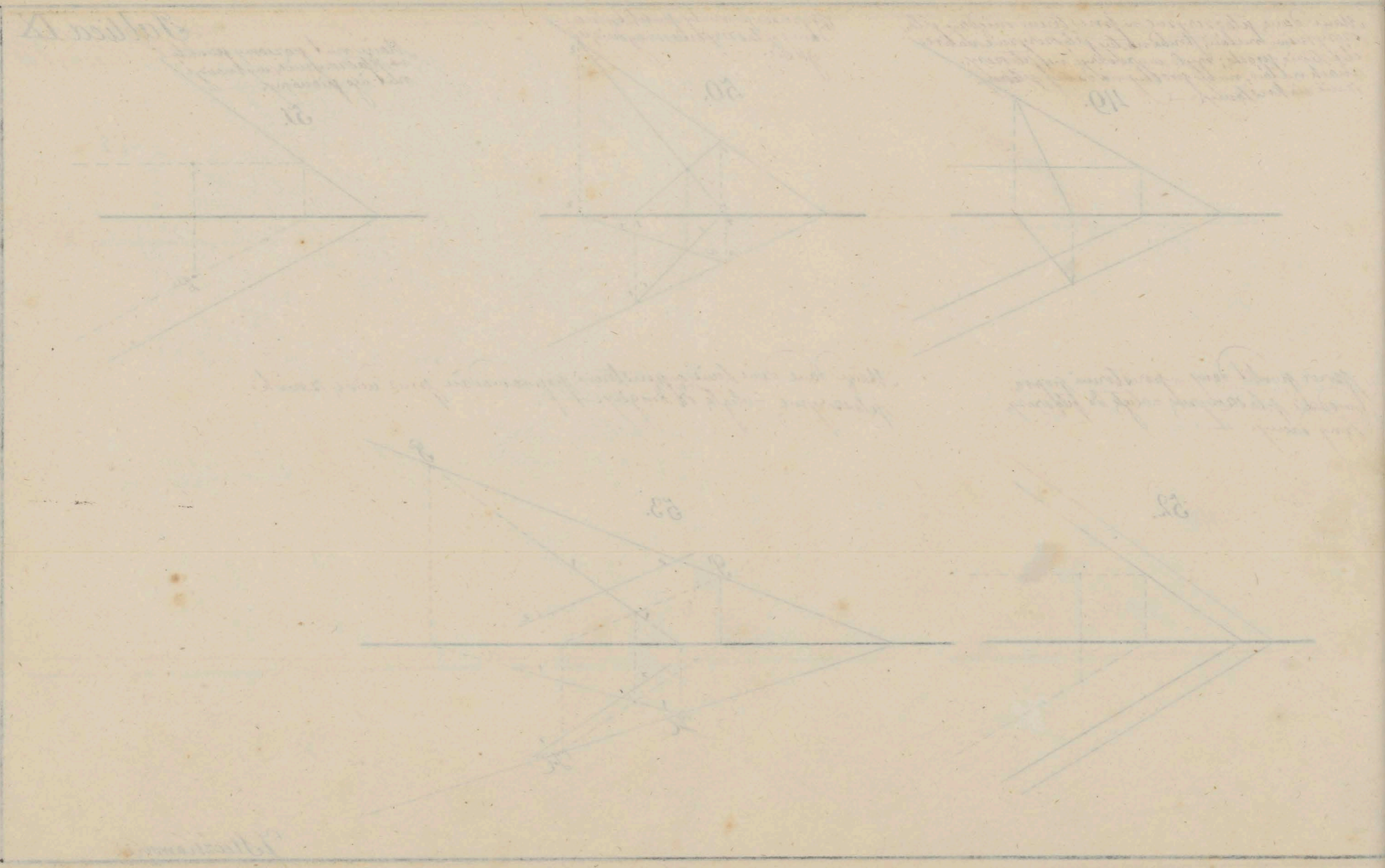
Przez punkt dany w przestrzeni poprowadzić płaszczyznę = obrotu do płaszczyzny, której dany. — 52.



Mając dane dwie linie w przestrzeni poprowadzić przez jedną z nich płaszczyznę = obrotu do drugiej. — 53.

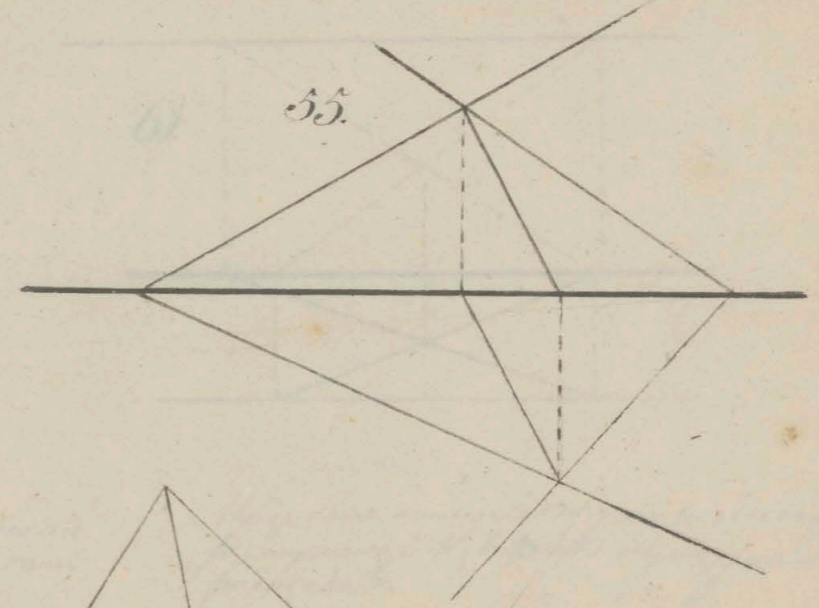
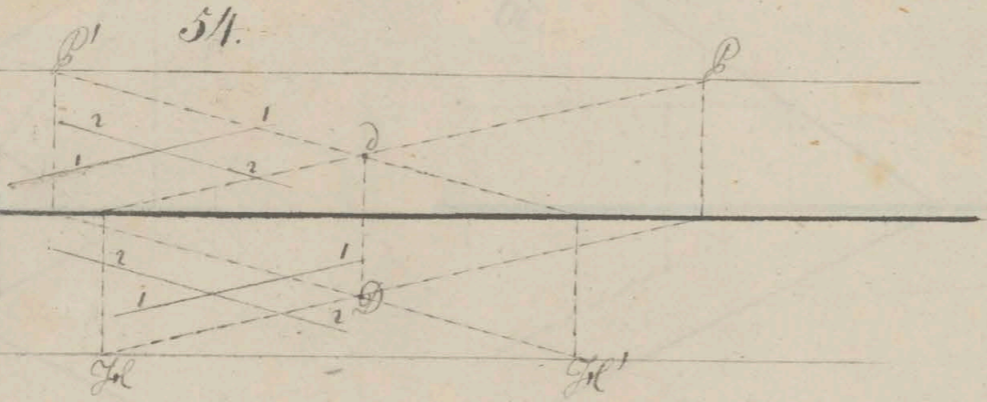


J. Stecowski.

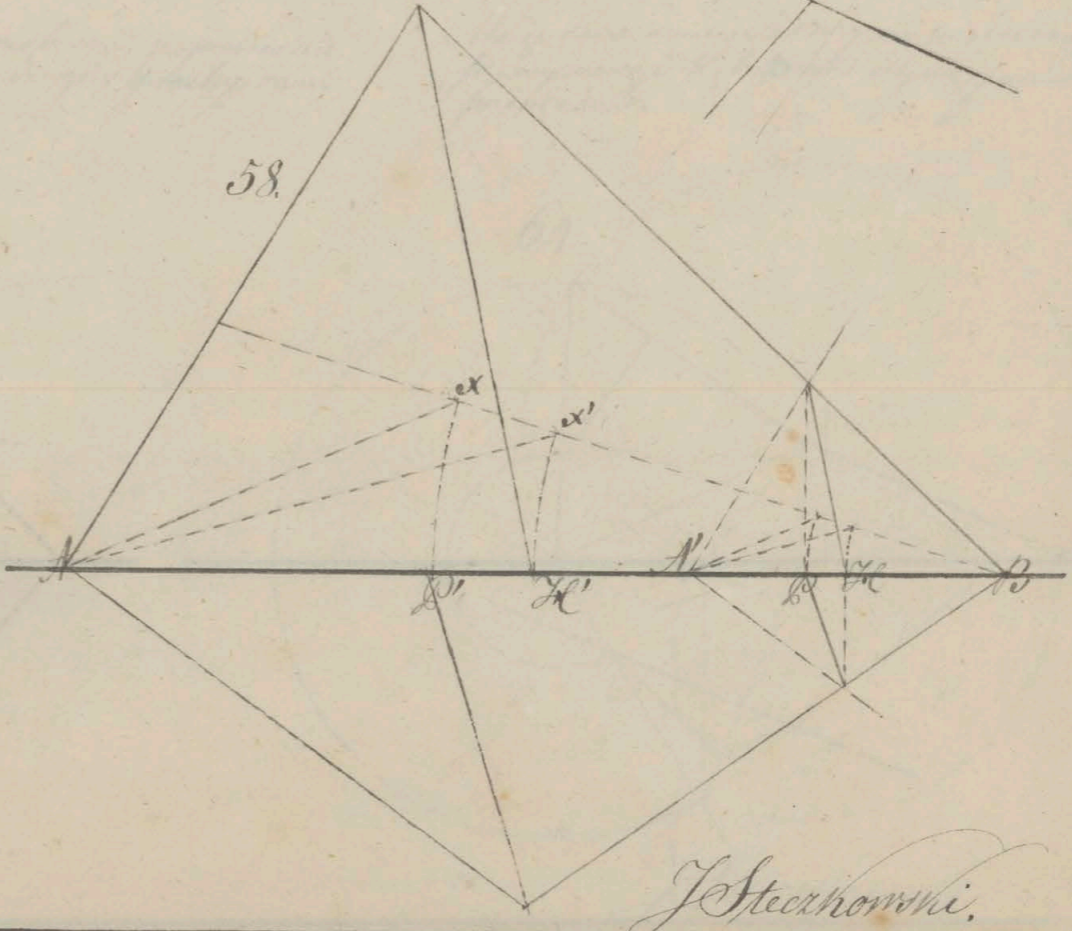
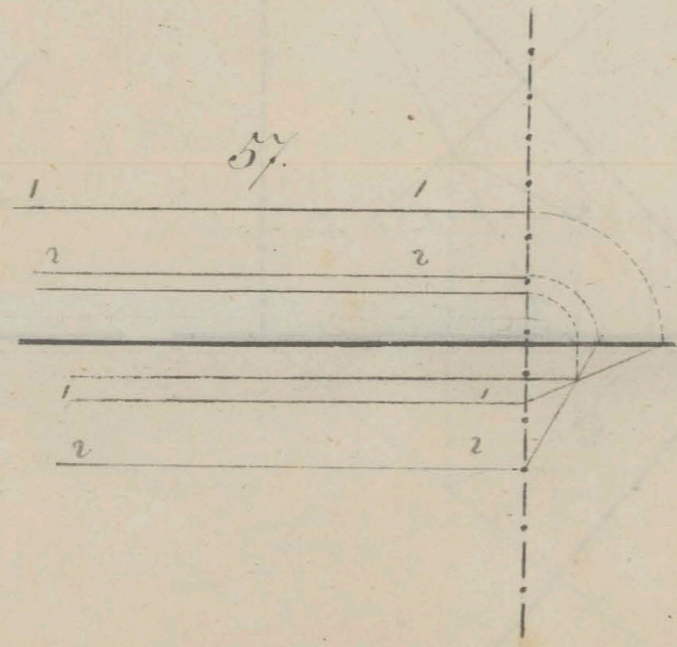
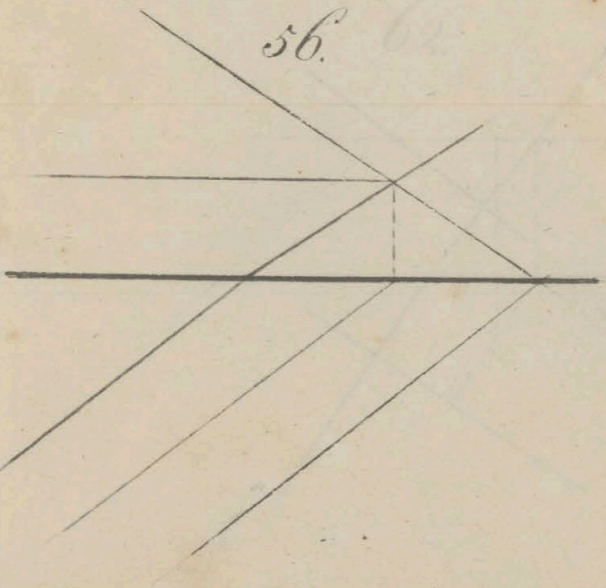


Tablica X

Przez punkt dany prowadzić płaszczyznę = odcytek do dwóch prostych danych w prostokątności.



Wyznaczyć wspólną przecięć się dwóch płaszczyzn w prostokątności. (cał fig 55-58)



J. Stecnochowski.

Table 1

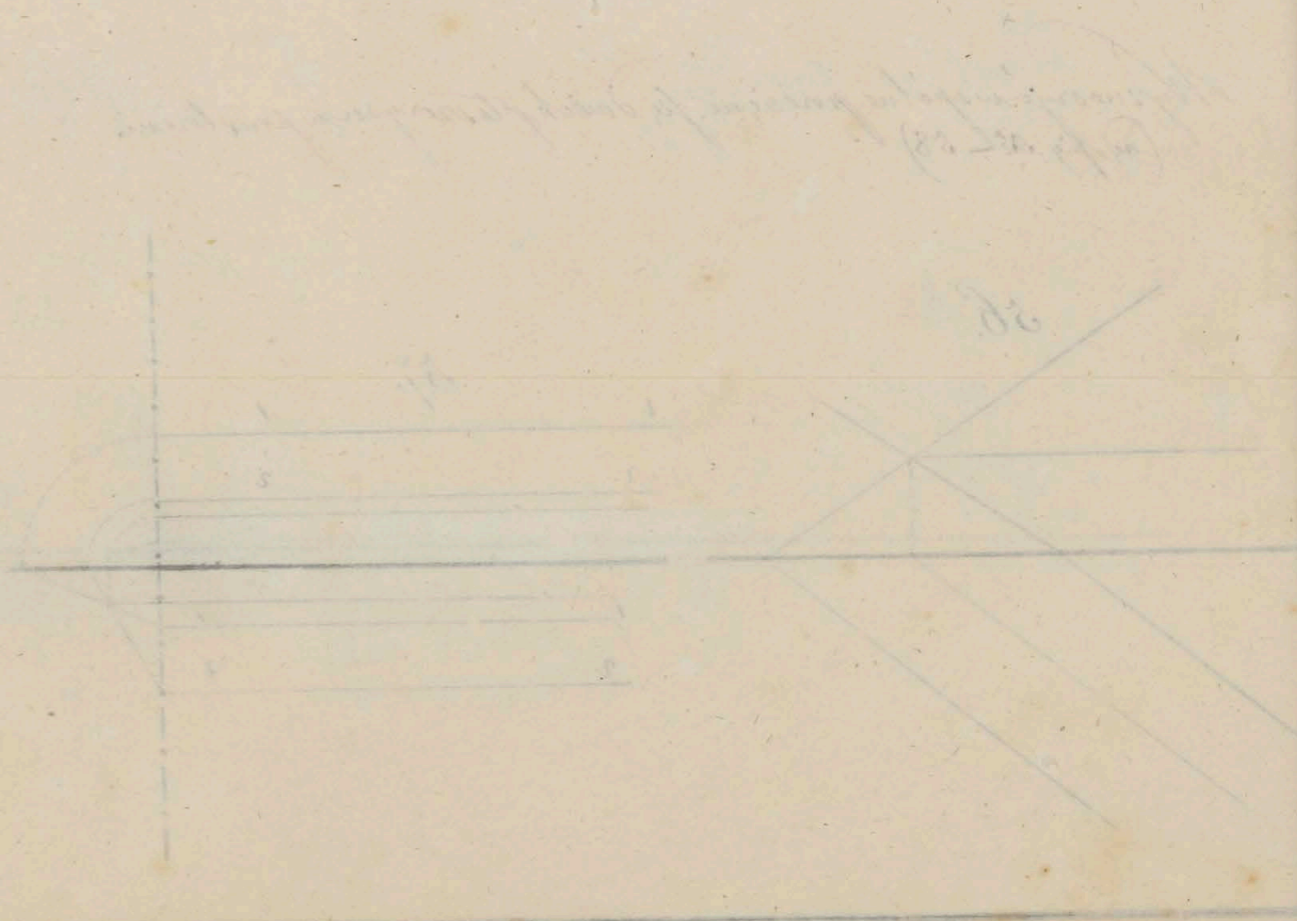
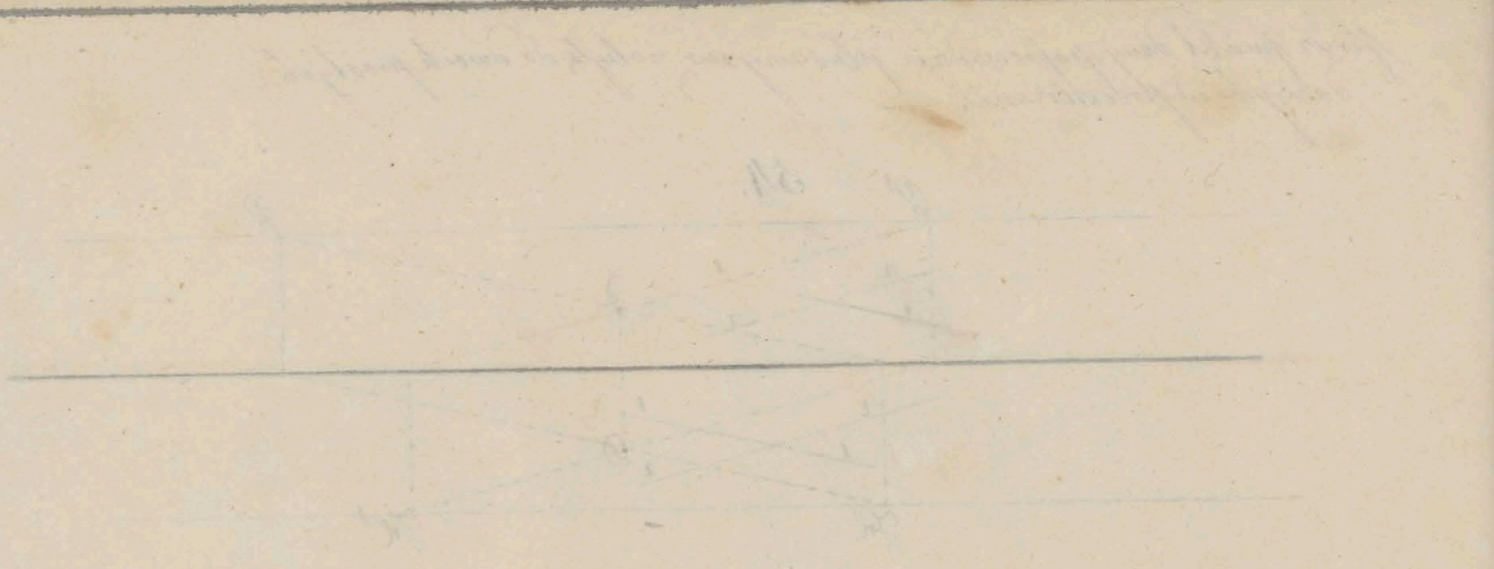
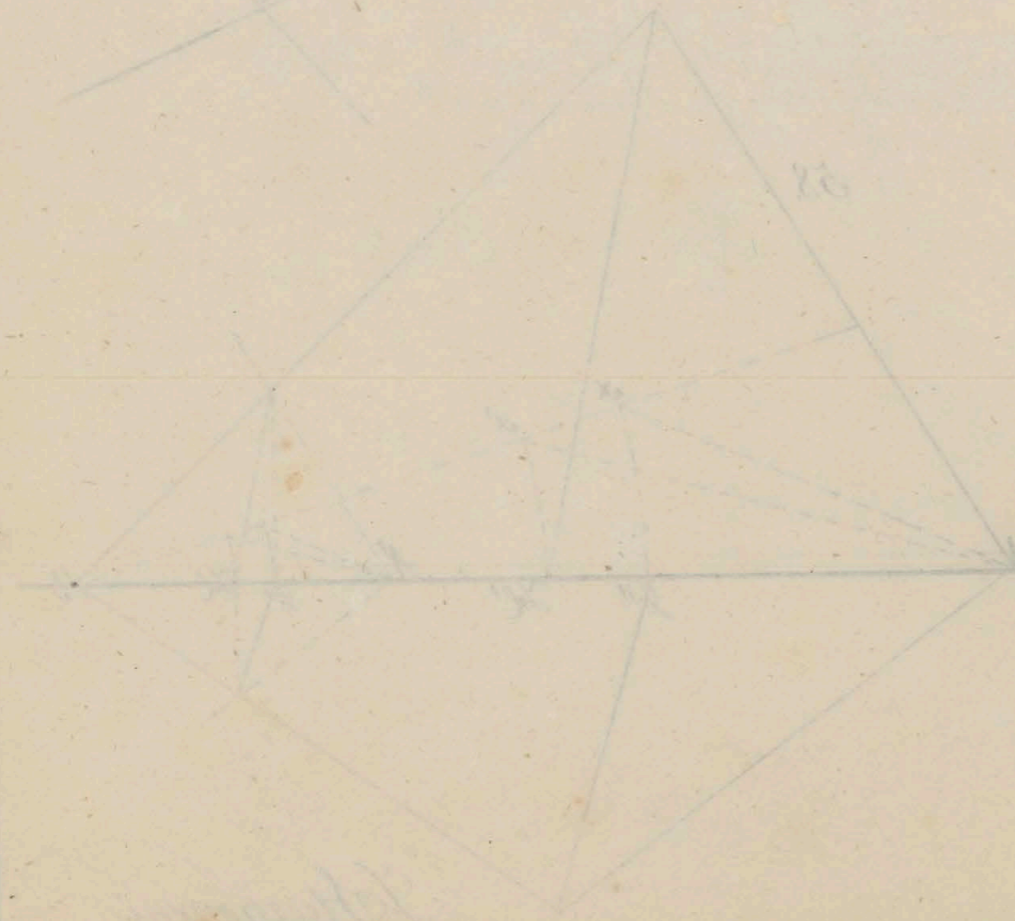
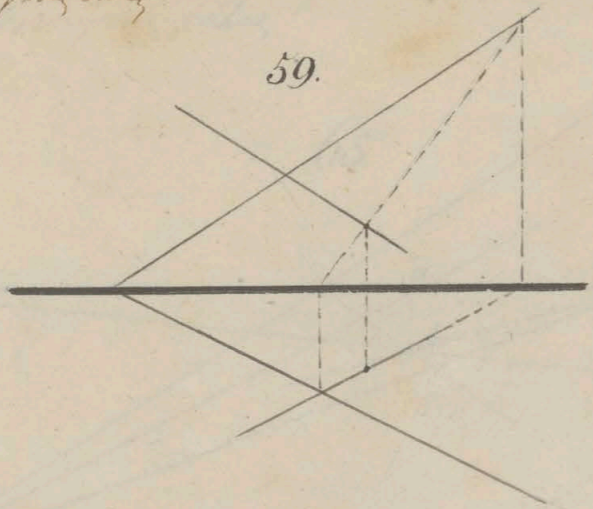


Table 2

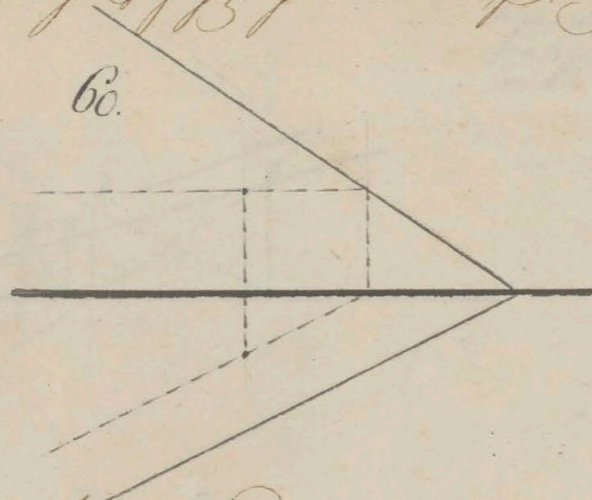
Tablica XI

Wyprowadzić wspólnie przecięcie się prostych danych
i pentastrony danej

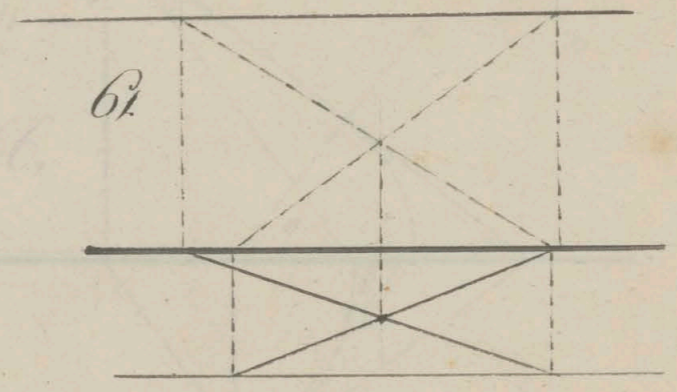


59.

Maże dany ślad poziomy pentastrony i mały punkt na niej
wskazywać jego ślad wzniesienia i ślad pionowy

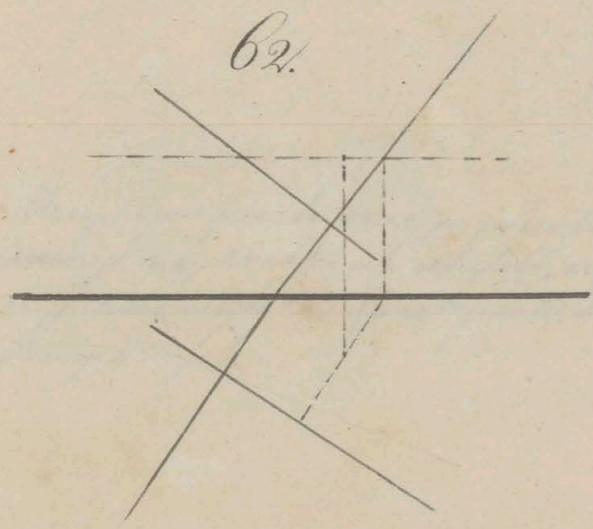


60.



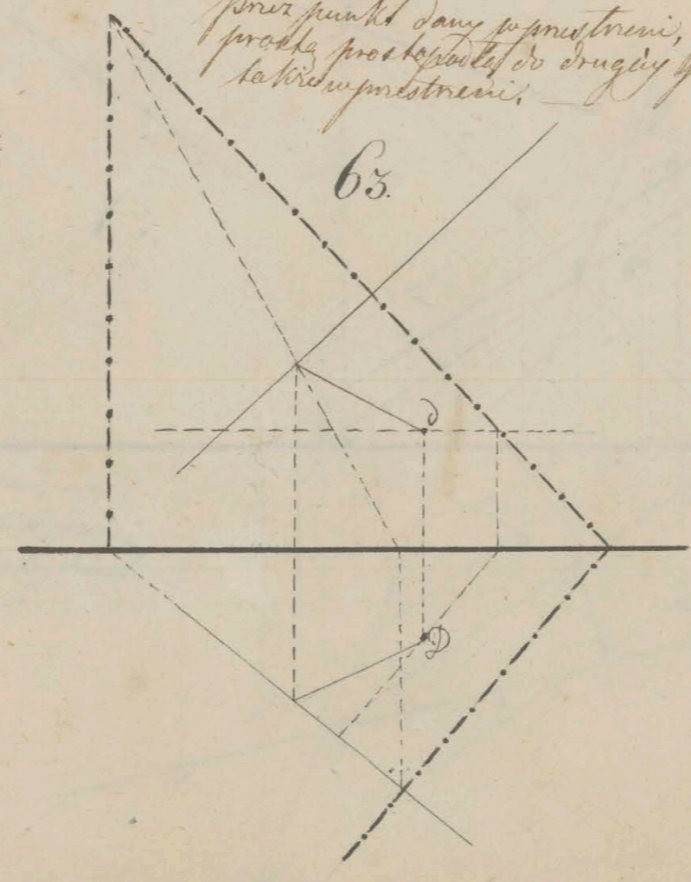
61.

Maże proste dane iak przez punkt dany w prostej
stnieć poprowadzić pentastronę prostokątną do łypca.



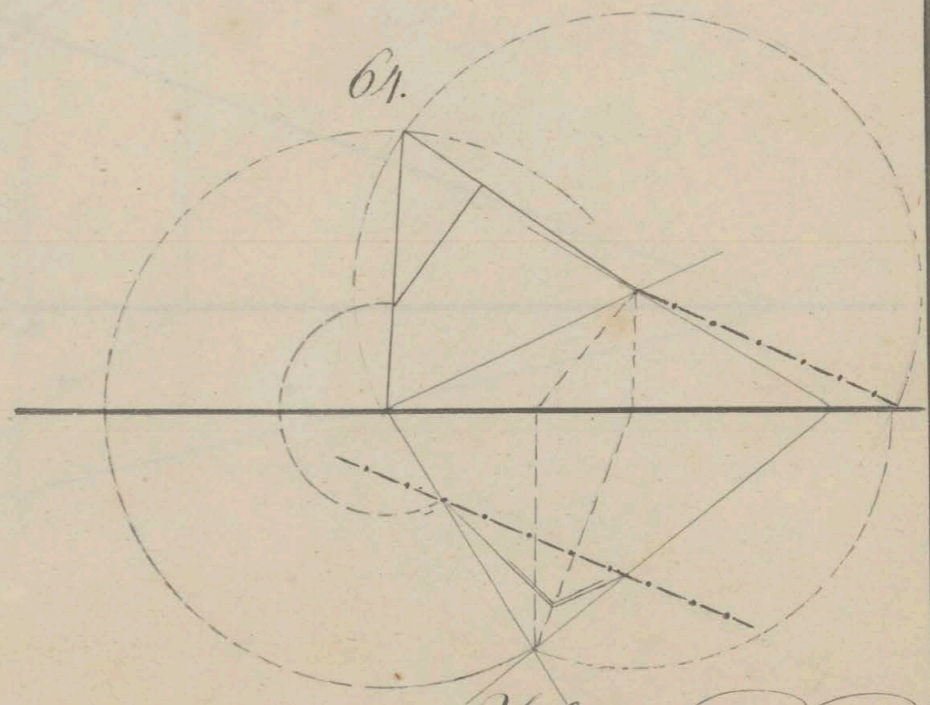
62.

Przez punkt dany poprowadzić poprowadzić
prostą prostokątną do drugiego prostego, dany
każdy wprostreni



63.

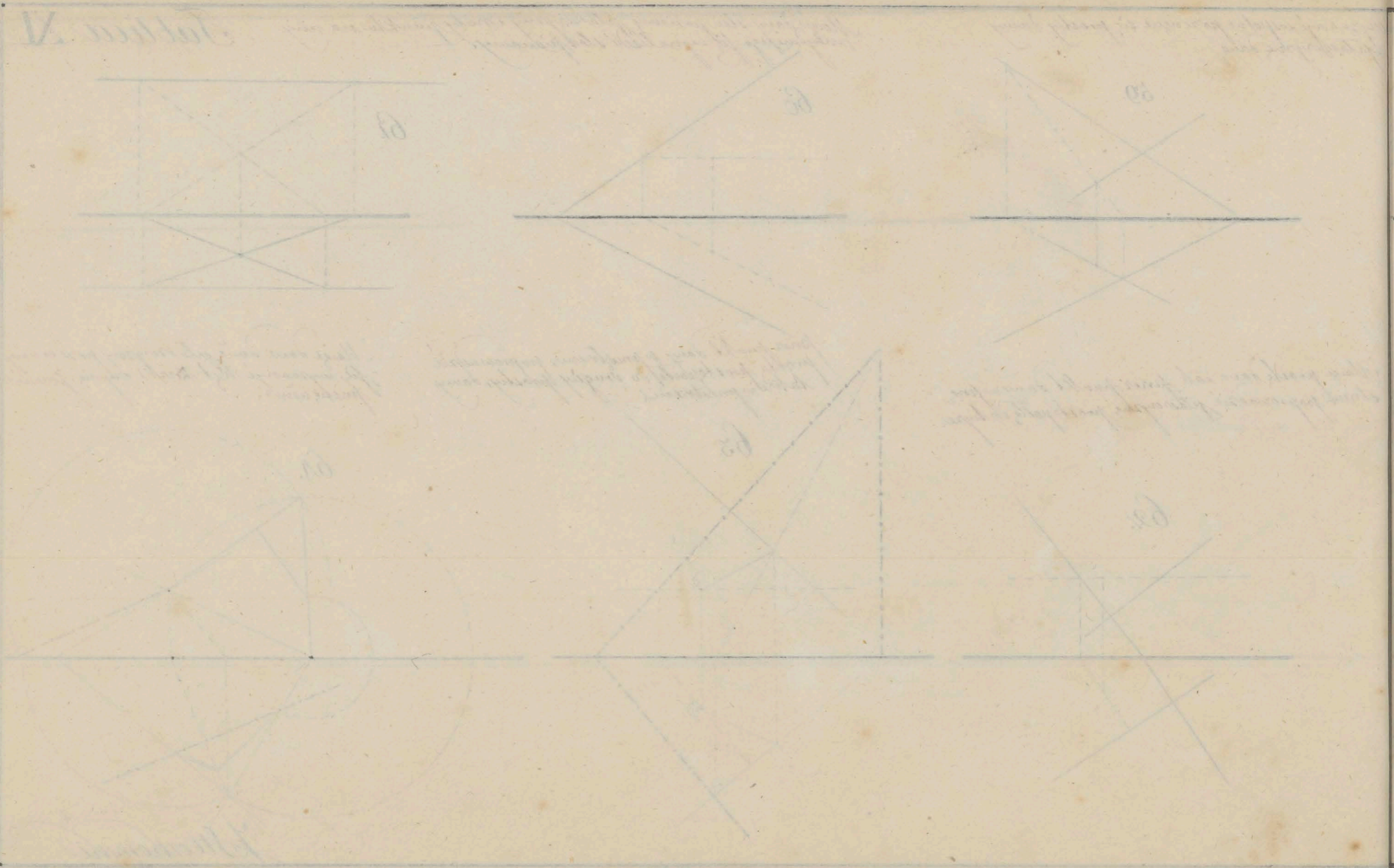
Maże dane dwie pentastrony przez siebie
się wyprowadzić iak iakich kryć się
specyficznie.



64.

Stechowski

Table V

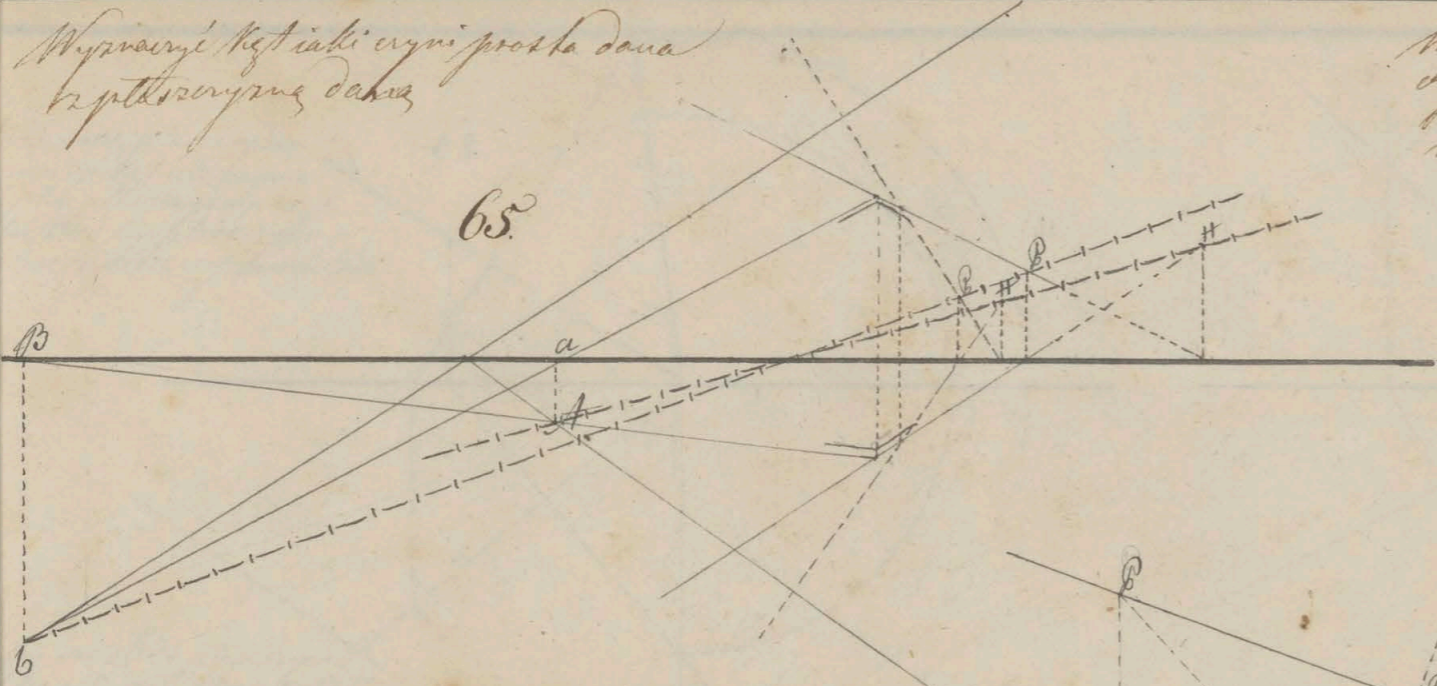


M
 1
 P
 6

Tablica XVII

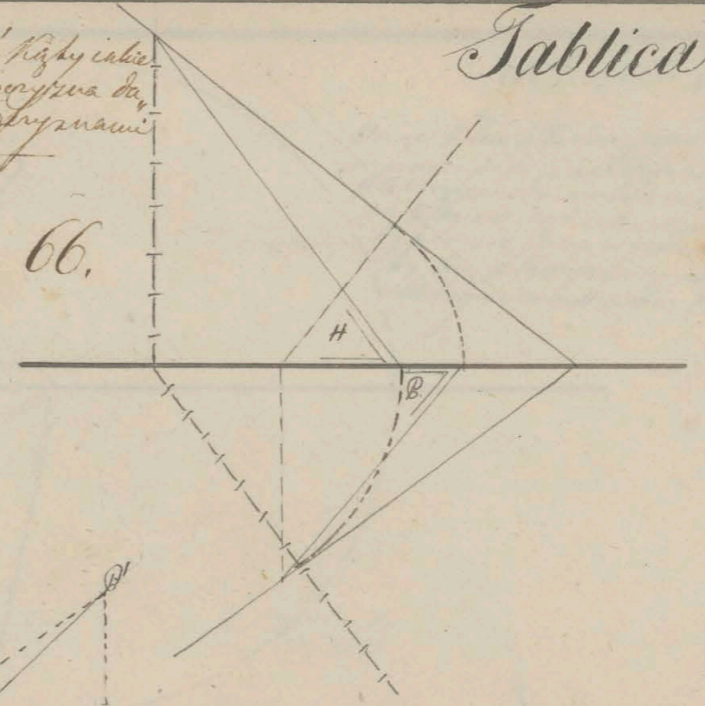
Wyznaczenie kąta i linii czyni prosta dana
w płaszczyźnie danej

65.

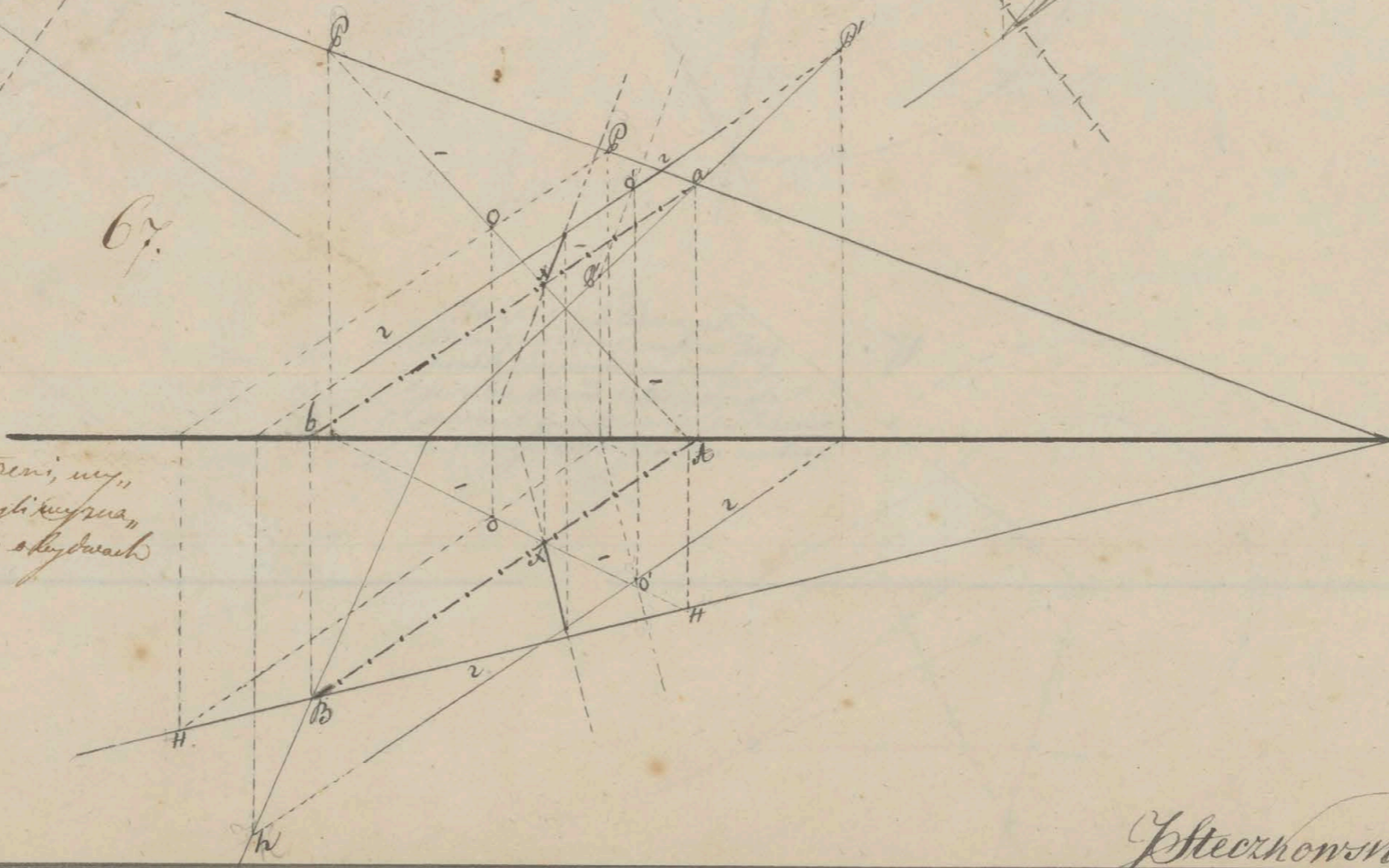


Wyznaczenie kąta i linii czyni płaszczyzna dana
na płaszczyźnie danej

66.



67.



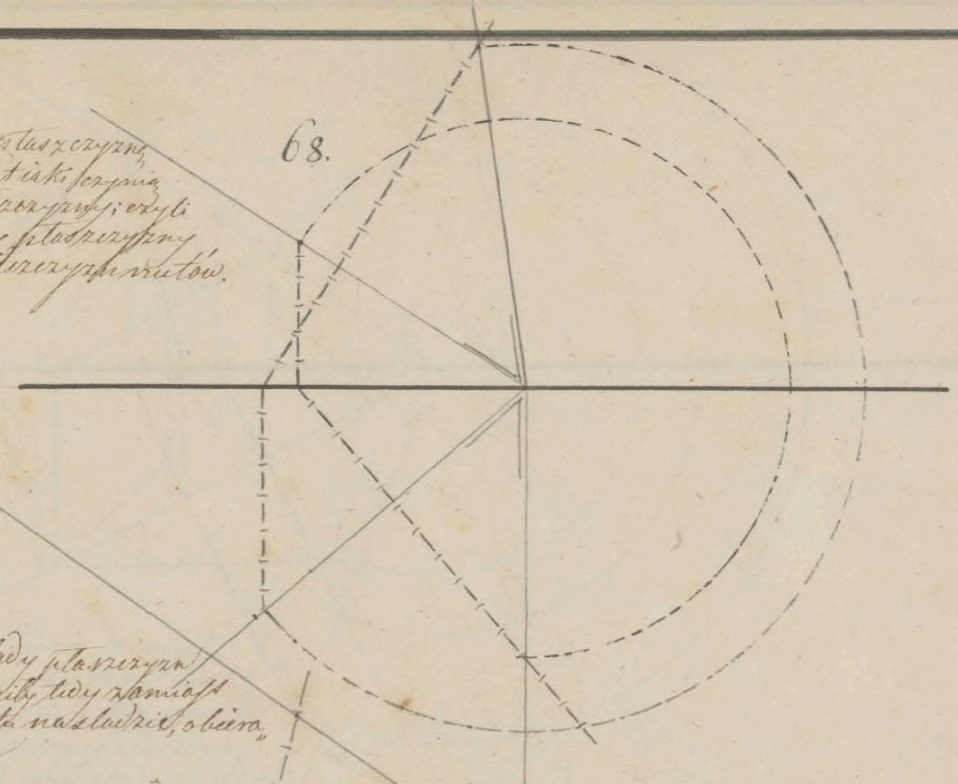
Macie dwie proste dane w przestrzeni, wyc.
Wyznaczyć najkrótszą ich odległość, czyli kąt
czyli kąt między nimi prostokątny lub obrotowy
kąt danych

Stecknowski

Tablica XIII

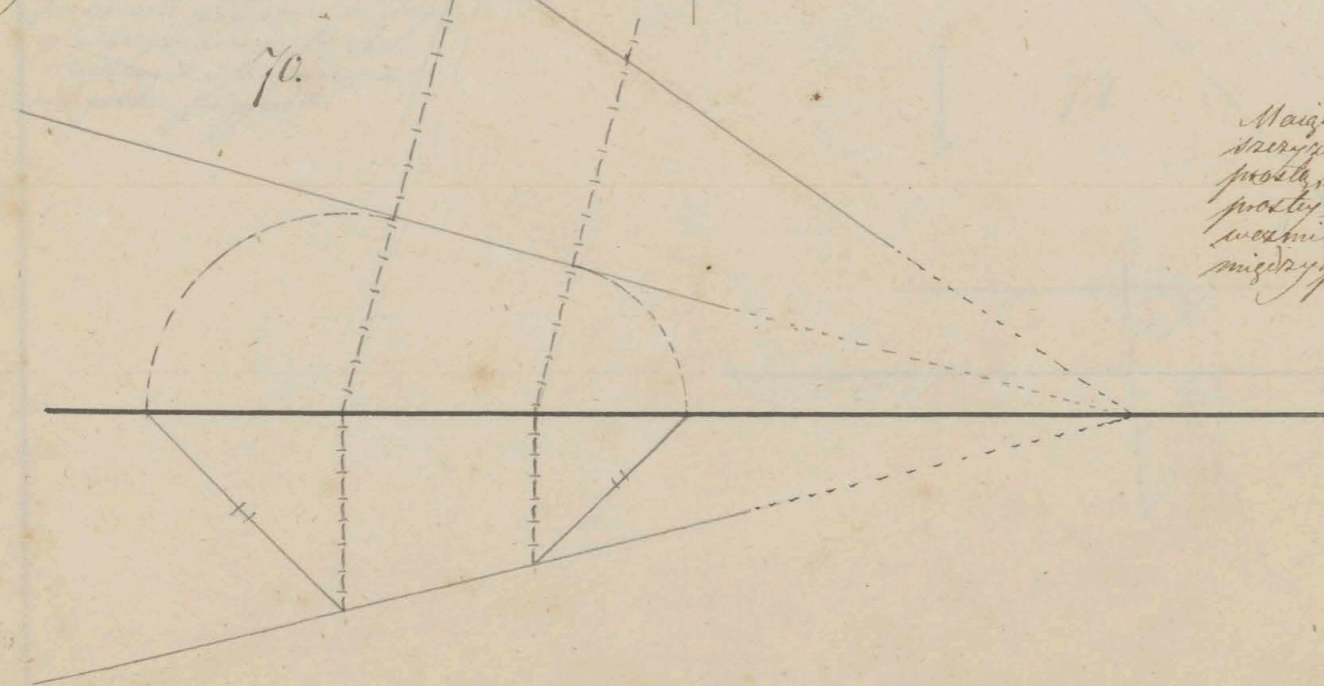
Maize dana, ptaszczajna
wyprowadzi, kt iaki, czyma
spady tej ptaszczajny, i exyli
arobie ktad tej ptaszczajny
na iene, z ptaszczajny nutow.

68.



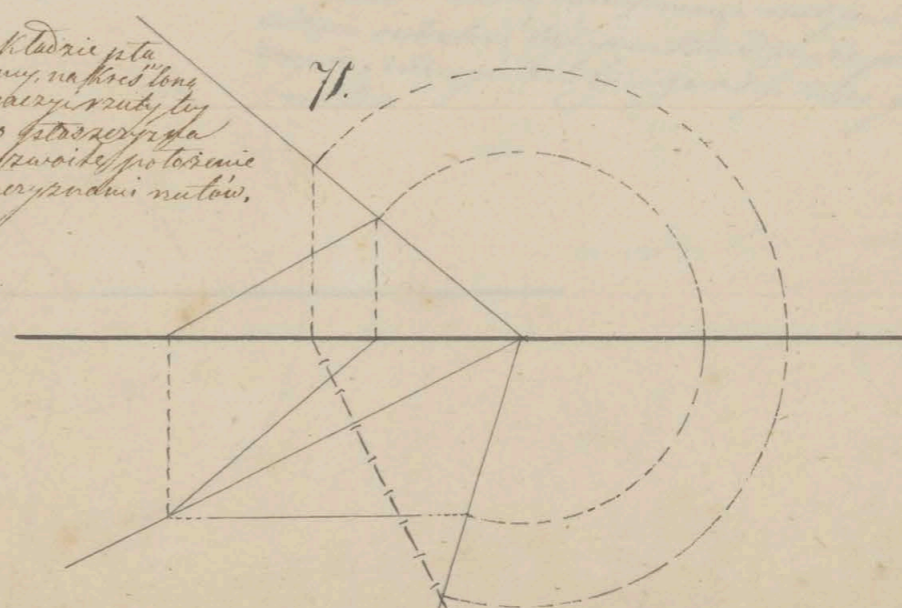
gdzby sie slady ptaszczajny
daleko schodaly, tedy zamieca
i idnego punktu na sluziec, o biera
my ich dwa

70.



Maize na ktadzie ptaszczajny
wyprowadzi, na ktadzie, ktad
prosty, wyprowadzi, wzdly tej
prosty, ktad ptaszczajny
wzrostnie przysprawoide, pro tozanie
miedzy ptaszczajny nutow.

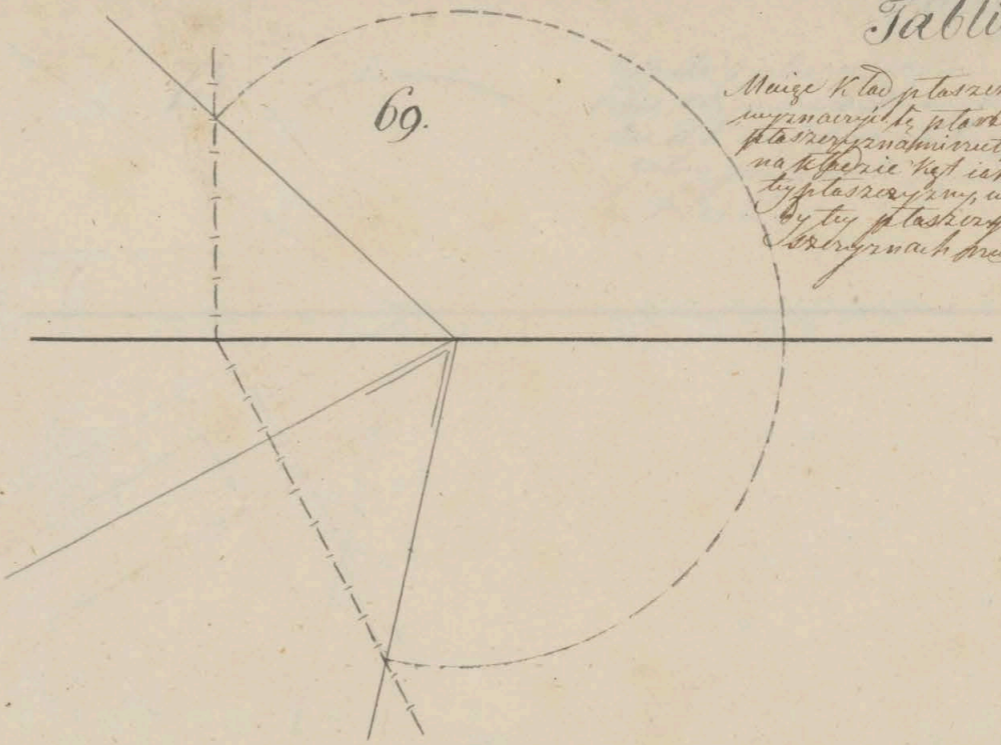
71.

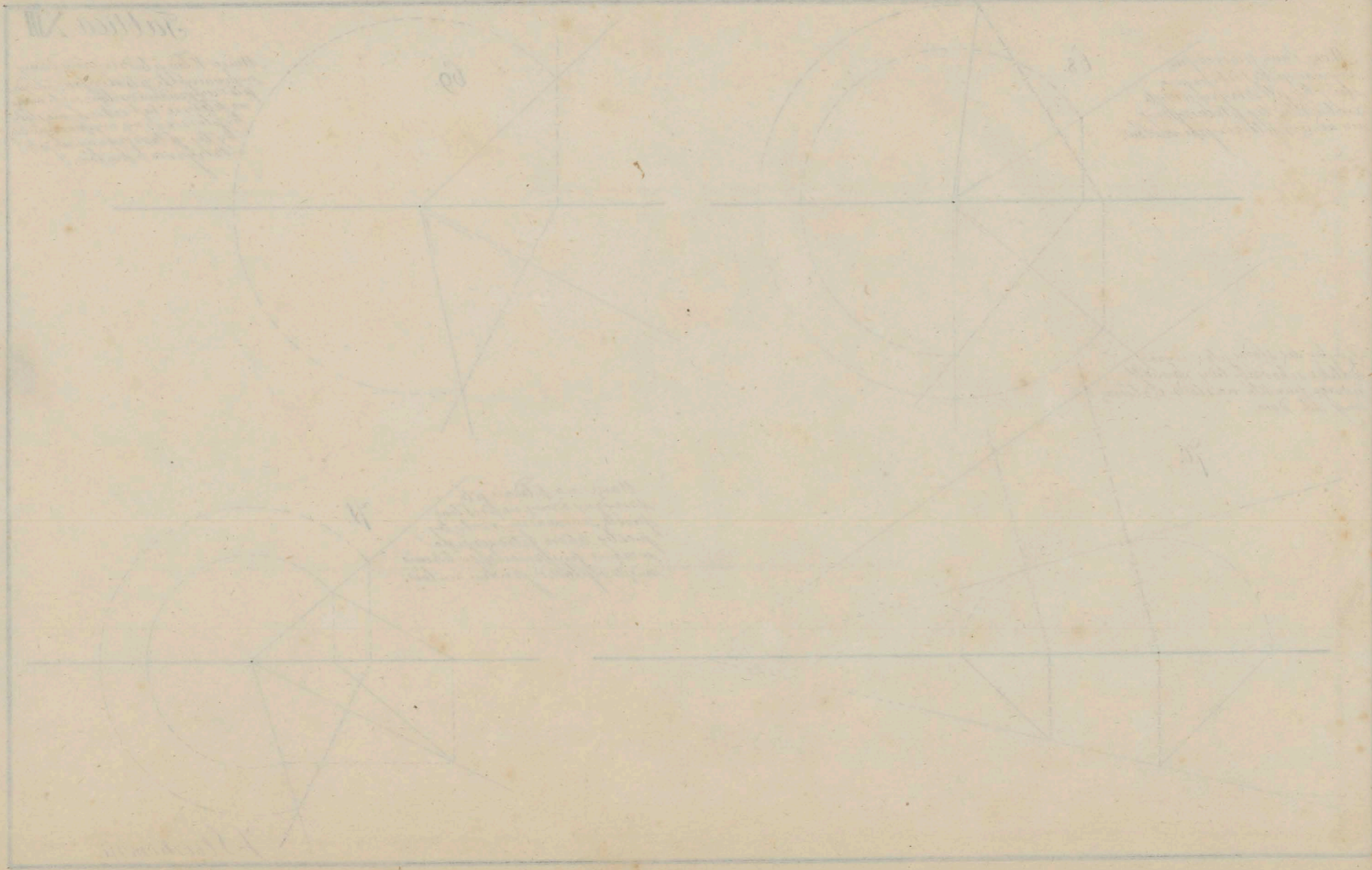


J. Stechowski

Maize ktad ptaszczajny danu
wyprowadzi, ptaszczajny miedzy
ptaszczajny nutow, ktad miedzy
na ktadzie ktad iaki, ktad ktad
tey ptaszczajny, wyprowadzi, ktad
tey ptaszczajny, na ktad,
wyprowadzi, ktad.

69.





John VII

[Faint, illegible handwriting]

19

12

[Faint, illegible handwriting]

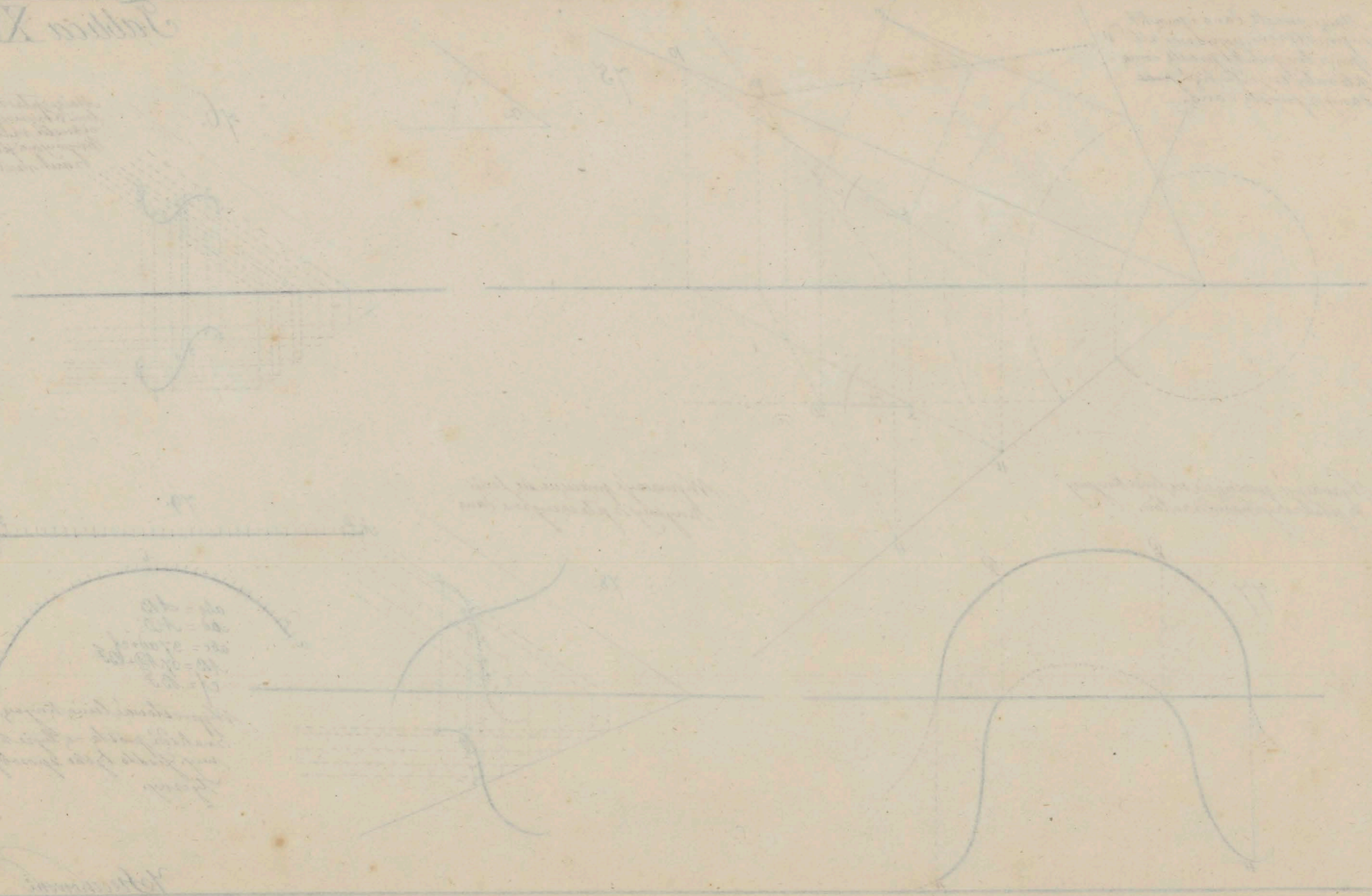
14

[Faint, illegible handwriting]

[Faint, illegible handwriting]

IX

Faint handwritten notes in the top left corner.



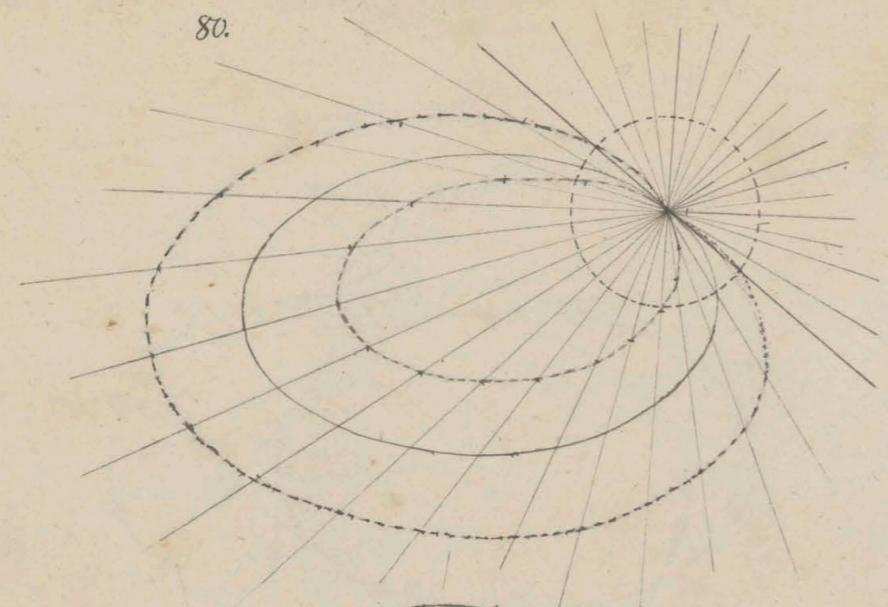
Faint handwritten notes in the bottom left corner.

Faint handwritten notes at the very bottom left.

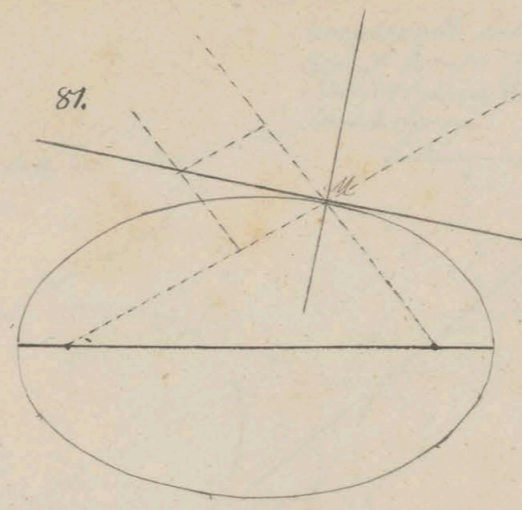
Tablica XVI

Mając dany punkt na linii krzywej, poprowadzić styczną do tejże linii.

80.



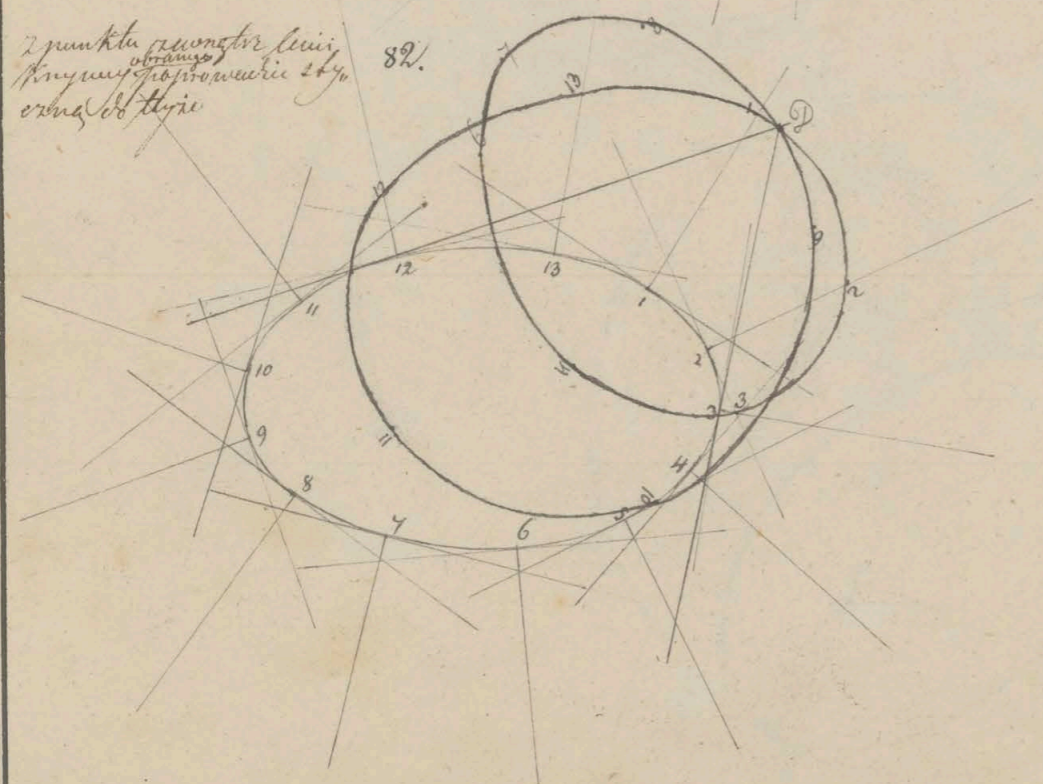
81.



Jeżeli prawo podzielenia się linii krzywej jest znane, można znaleźć poprowadzić styczną do tejże linii.

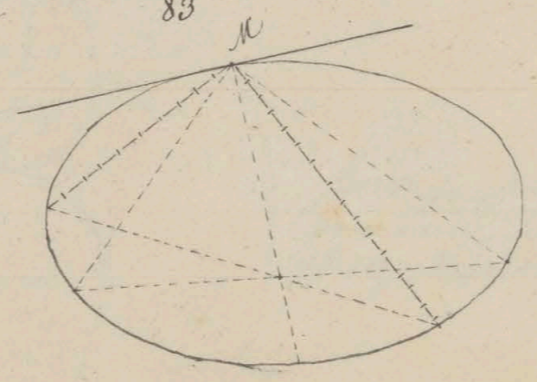
2 punkta równoległej linii krzywej poprowadzić styczną do tejże

82.

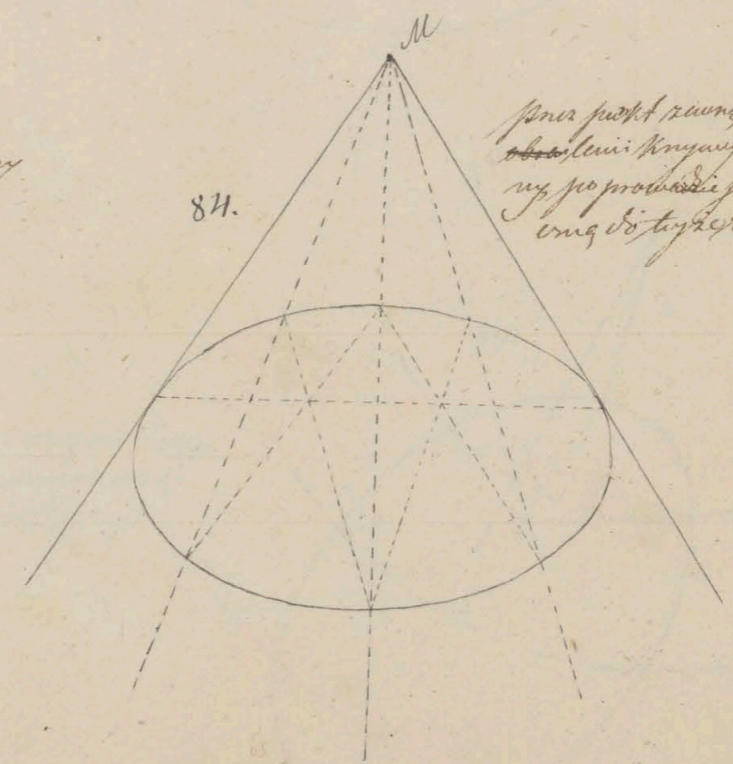


znając punkt na linii krzywej obrany poprowadzić styczną do tejże

83



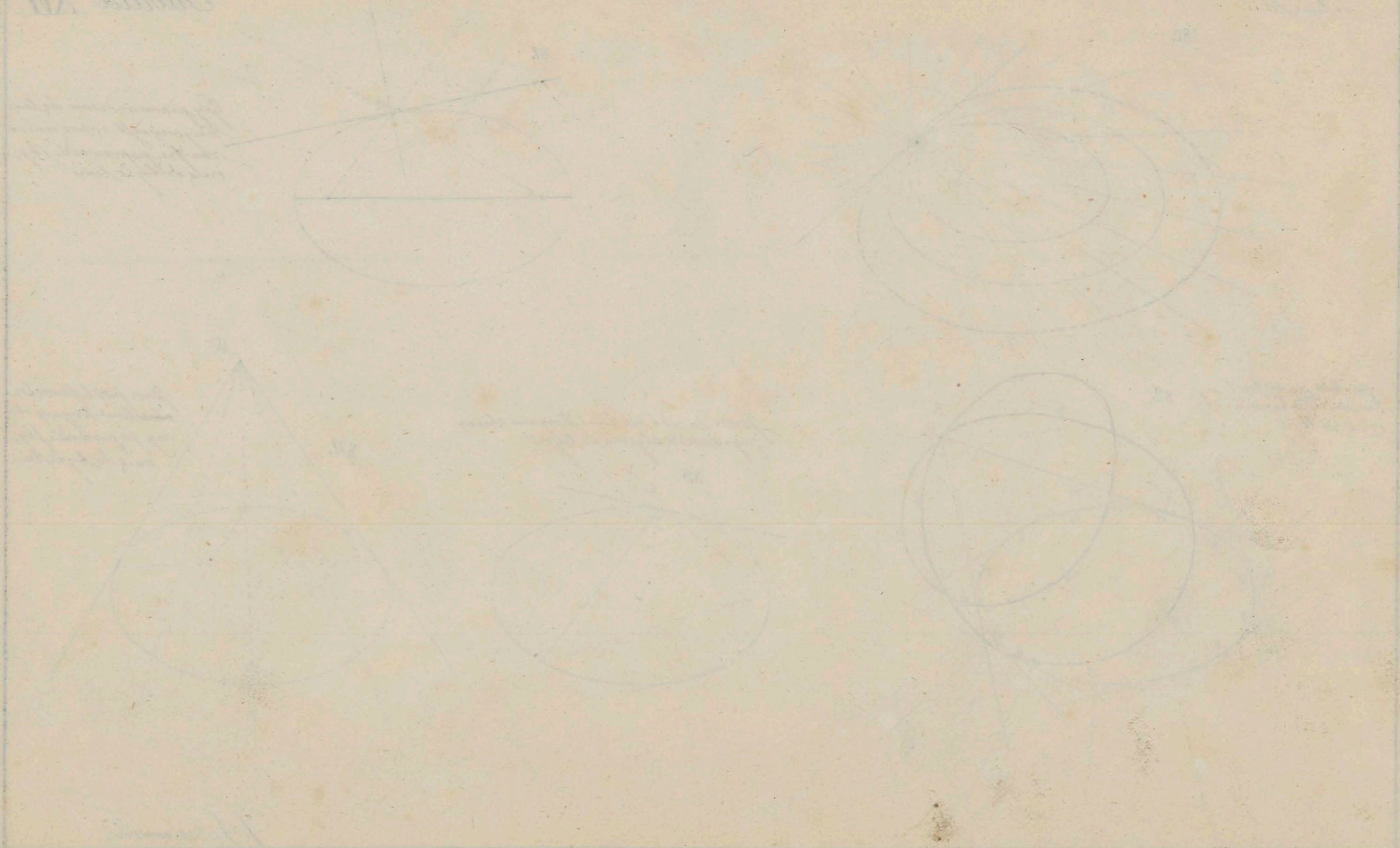
84.



znając punkt równoległej linii krzywej obrany poprowadzić styczną do tejże linii.

J. Stechowicki.

Table XVII

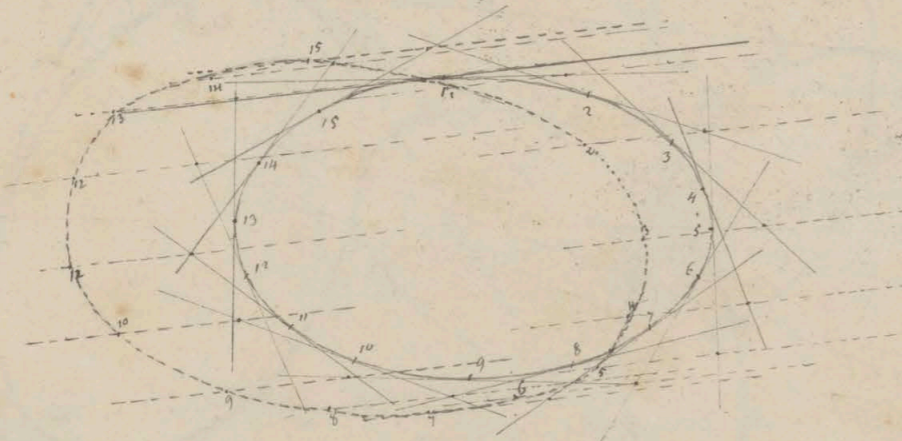


Tablica XVII

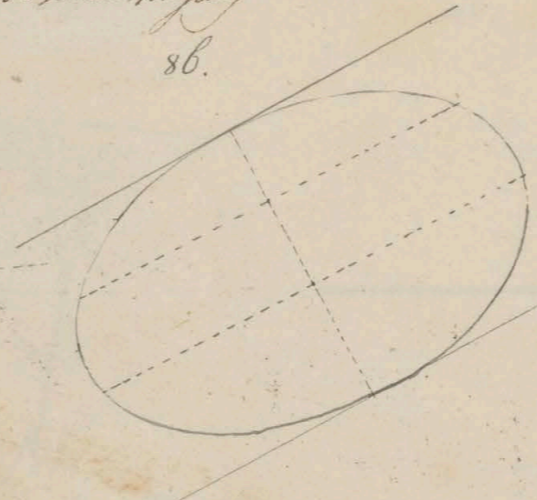
Prostopadłe lub pod kątem danym poprowadzić wzdłuż styku dwóch linii krzywych.

rownościami do prostej danej poprowadzić linie stycznymi do linii krzywej

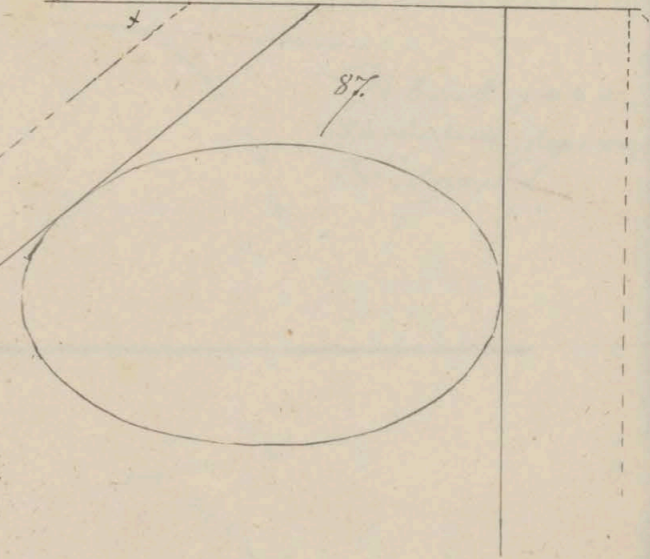
85.



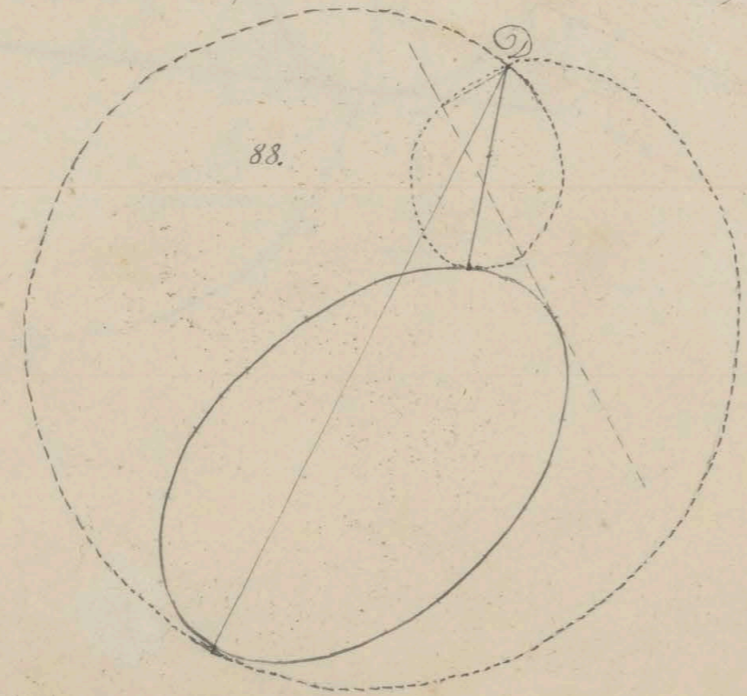
86.



87.

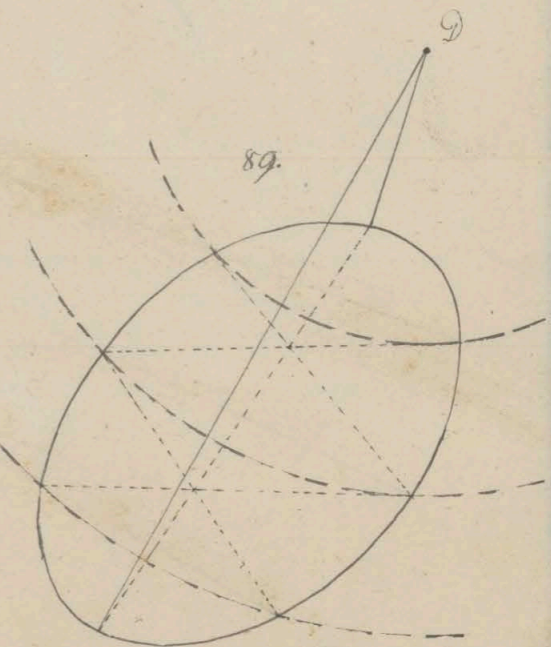


88.



Przez punkt zewnętrzny danej poprowadzić linie normalne (prostopadłe) do linii krzywej

89.

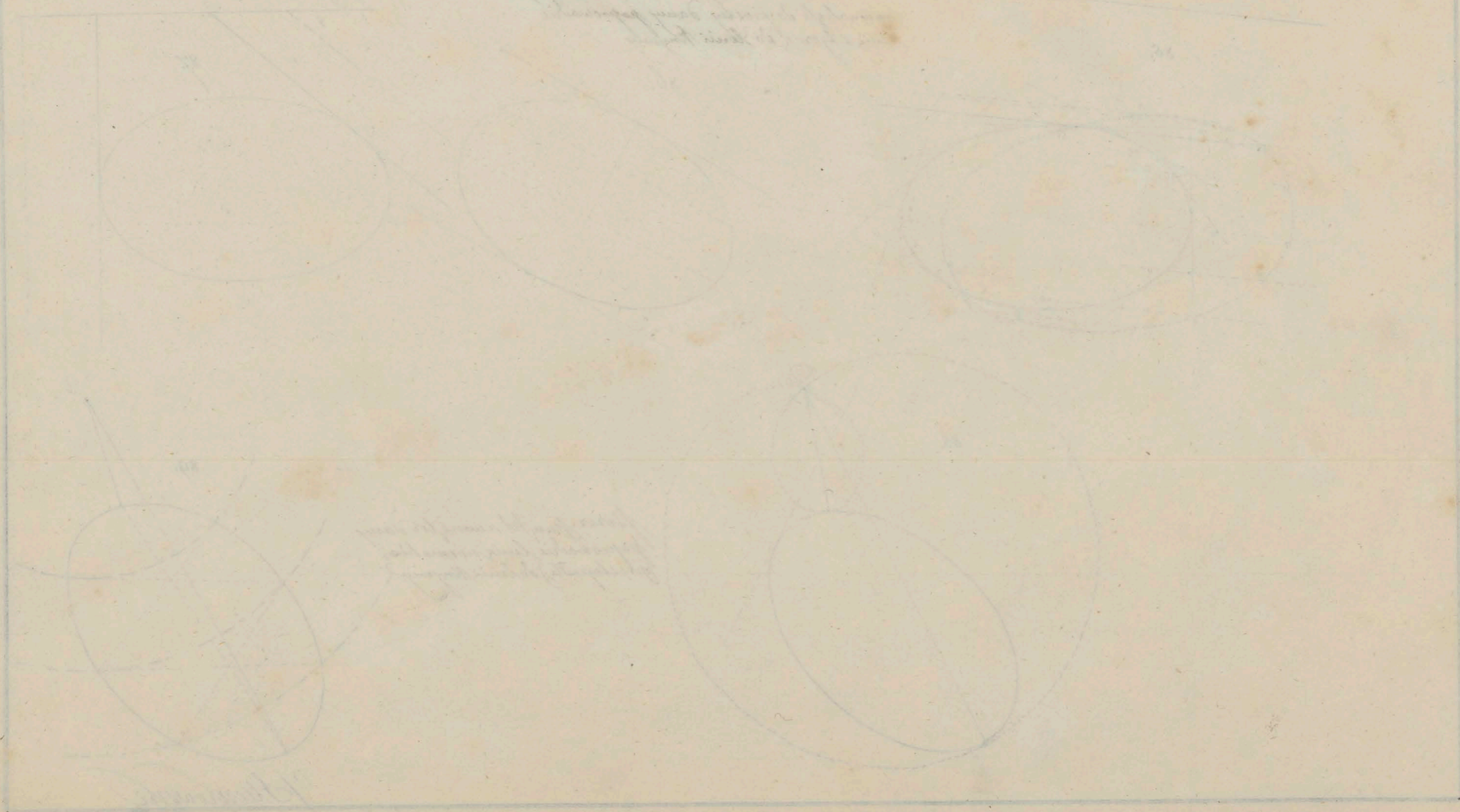


J. Stechowski

Table XII

Handwritten notes in the top left corner, possibly describing the table's content.

Handwritten notes in the top right area, likely providing additional context or data.

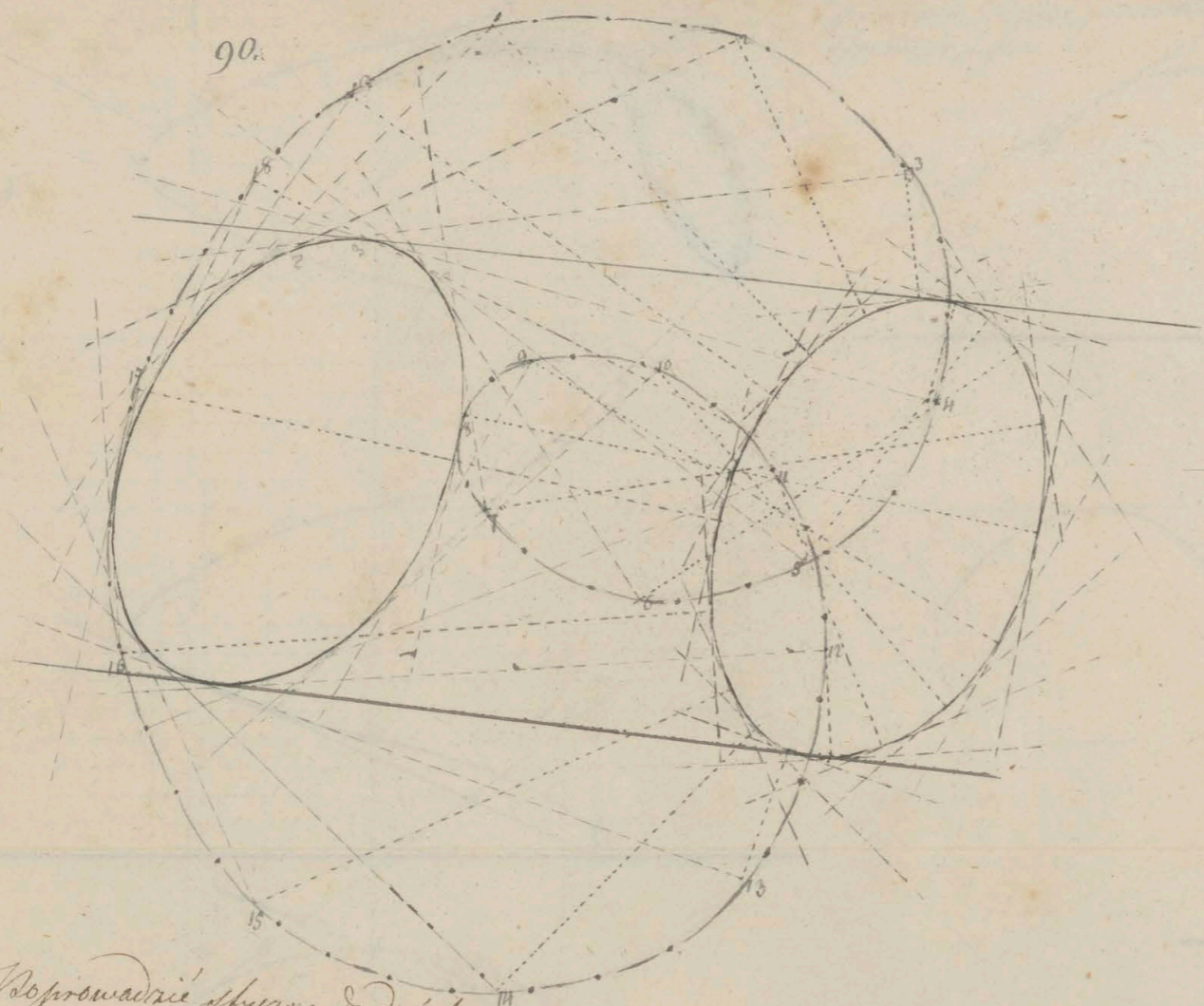


Handwritten notes in the bottom left area, possibly describing the diagram or table.

Handwritten notes at the bottom left corner, possibly a signature or date.

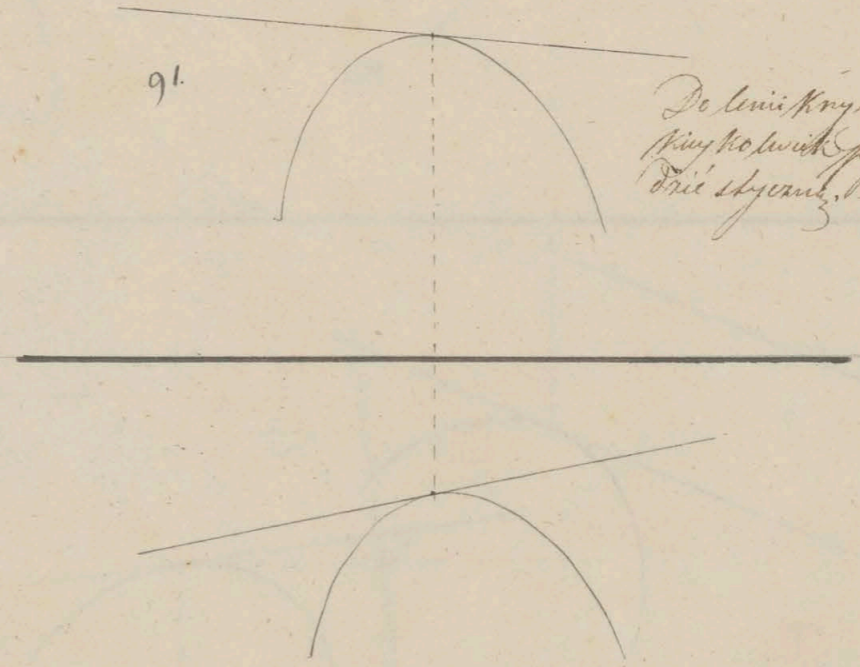
Tablica XVIII

90.



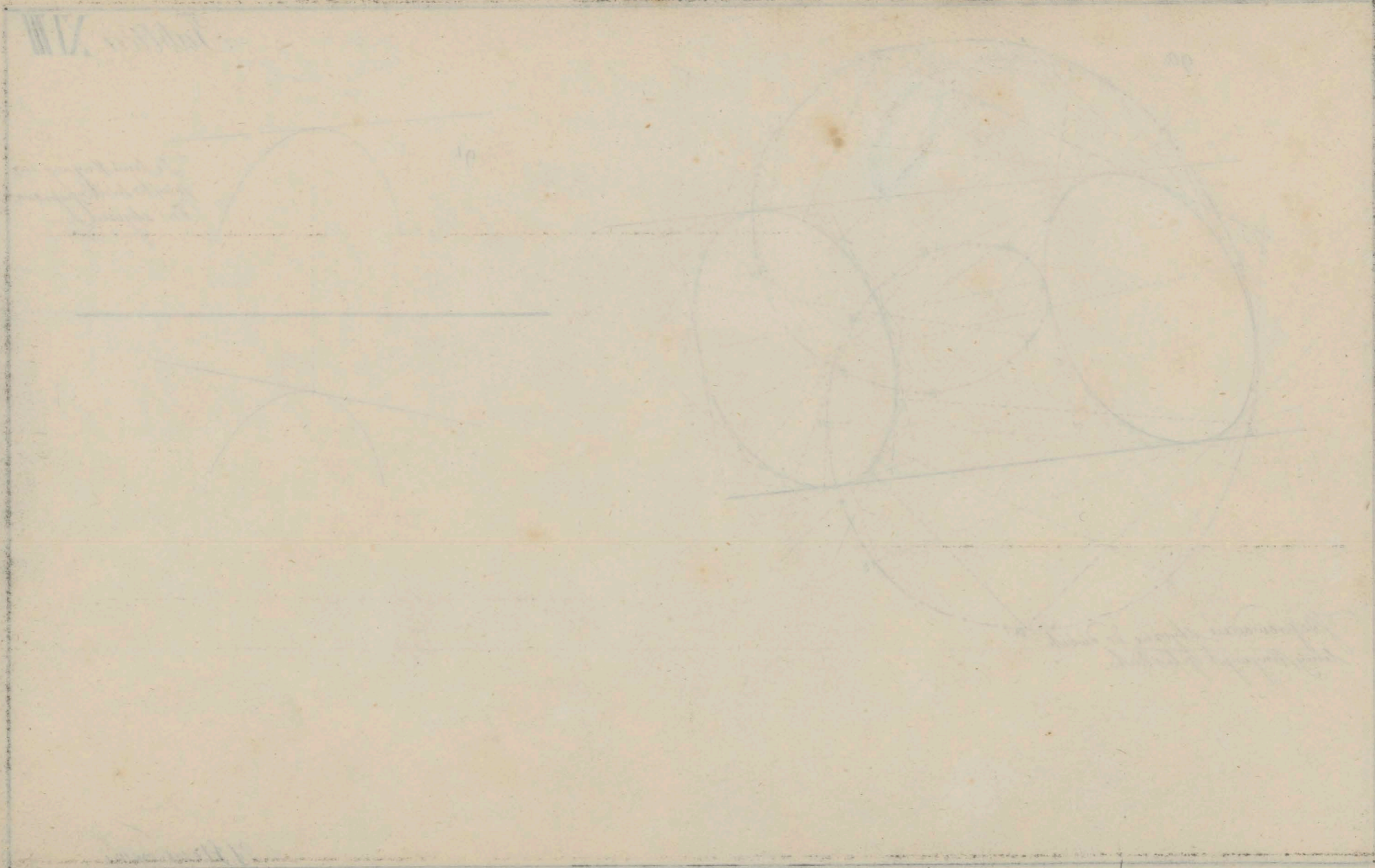
Poprowadzić sferme do dwóch
linij krzywych i ptas kich.

91.



Do linii krzywej i a,
linij kołowych poprowadzić
drei sfermy.

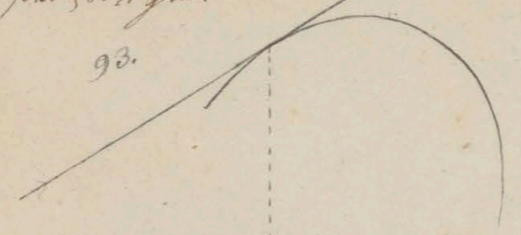
Stechowski



Tablica XIX

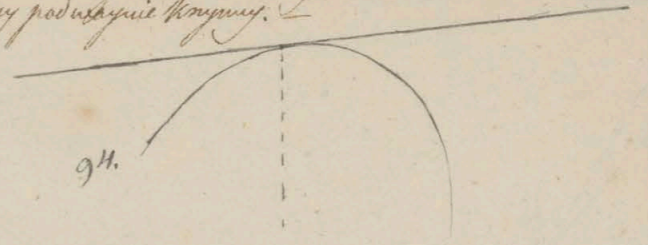
Przez punkt dany na linii krzywej
podwójnie krzywej, poprowadzić
styczną do krzywej.

93.

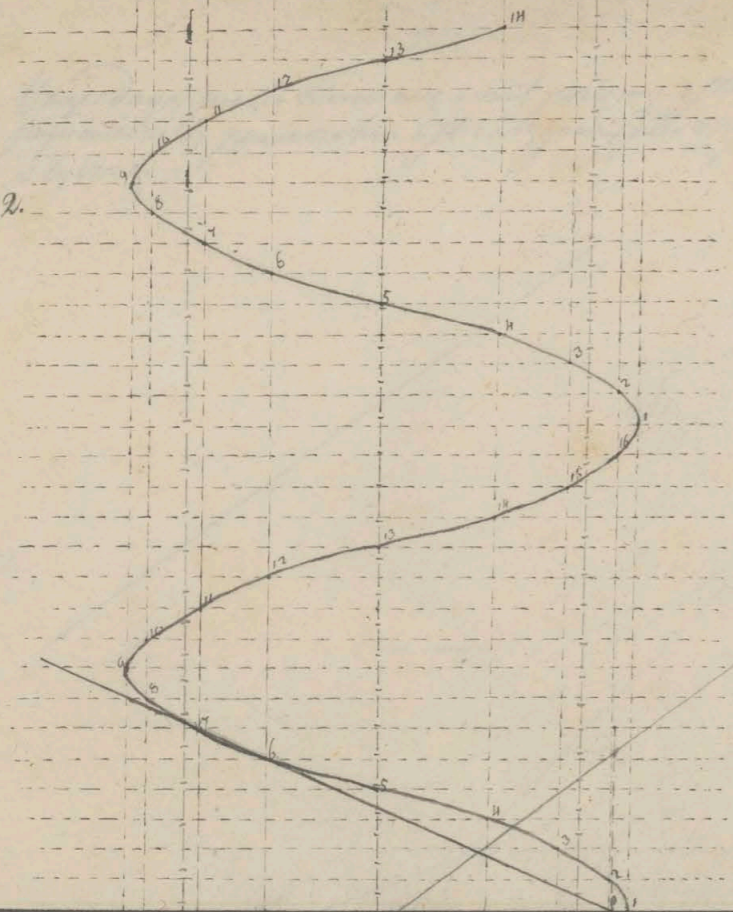


— znaleźć do prostej danyj po-
podwójnie krzywej, od danego punktu,
tę podwójnie krzywej.

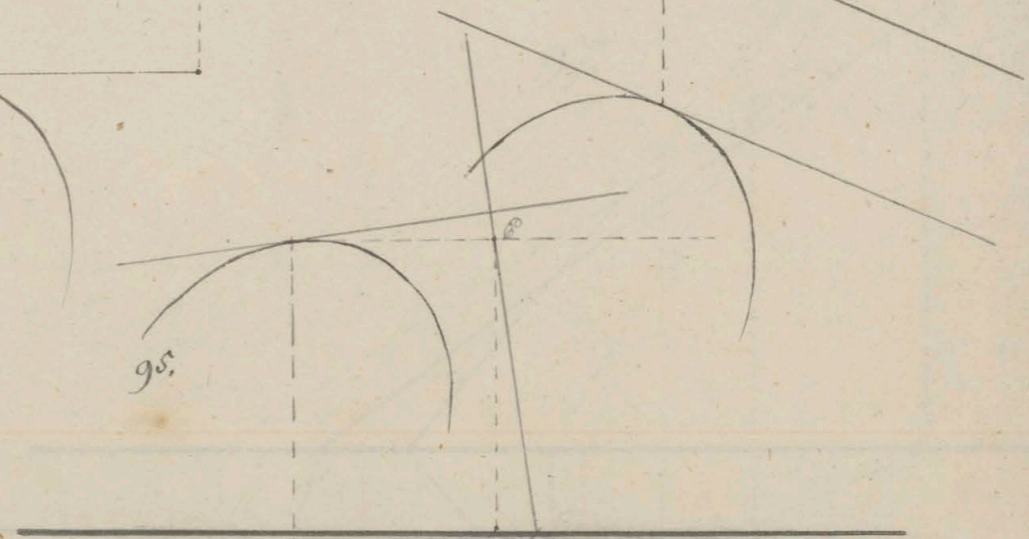
94.



92.

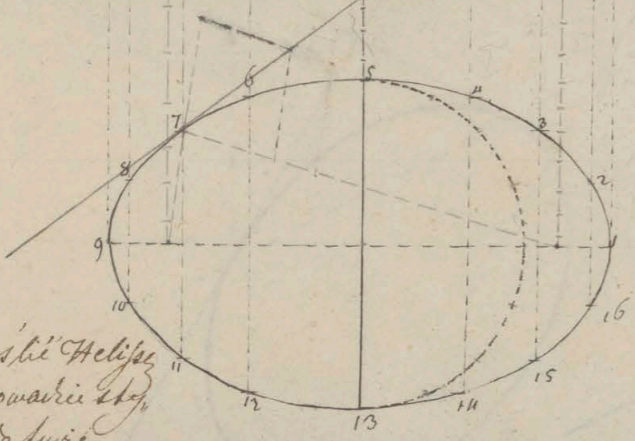


95.



Przez punkt dany na linii krzywej
podwójnie krzywej, poprowadzić
płaszczyznę normalną do tejże linii

Wyprowadzić Helicę
i poprowadzić styczną
do niej



J. Steinhilber

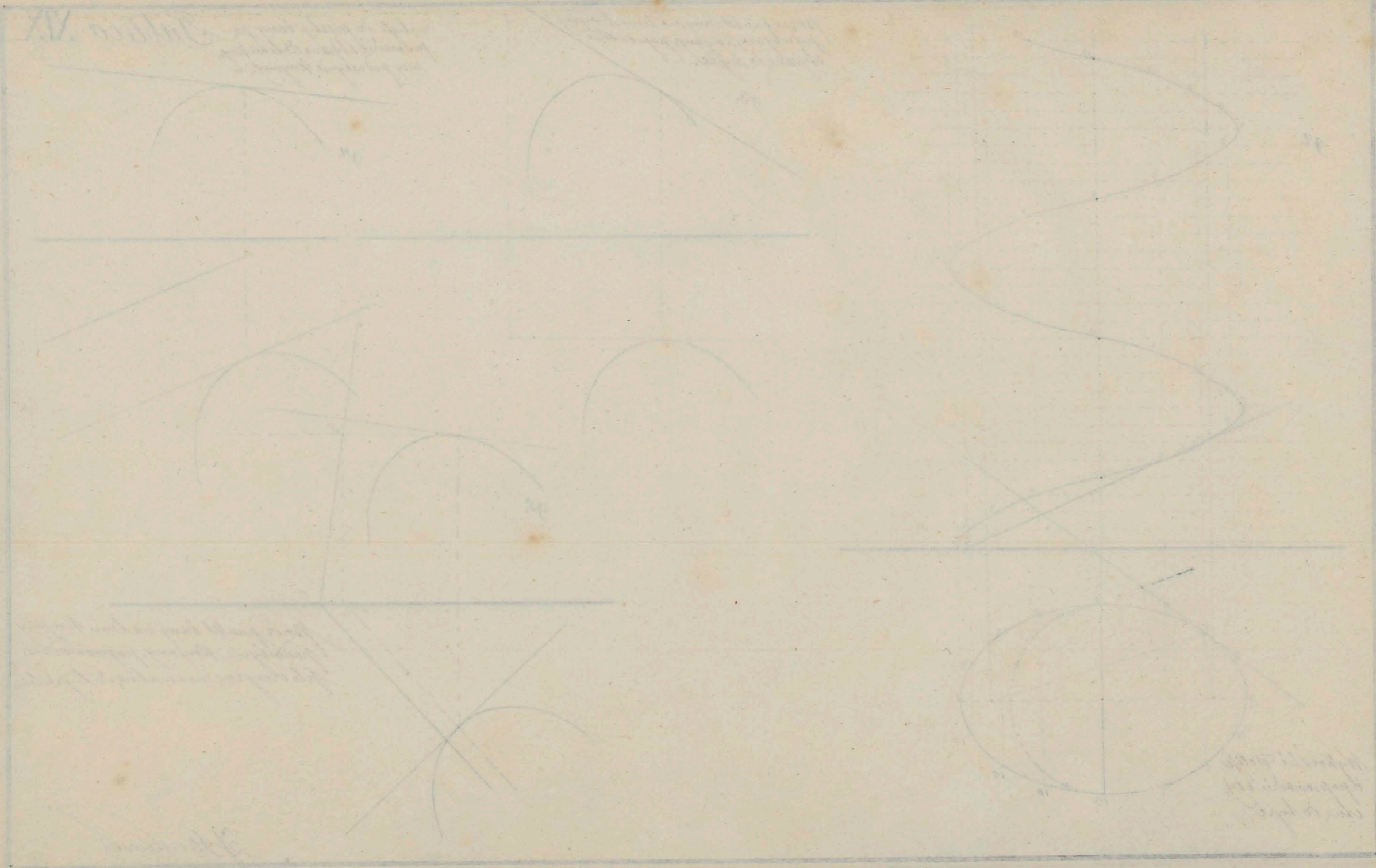


Table VI

Faint handwritten notes in the top-left corner.

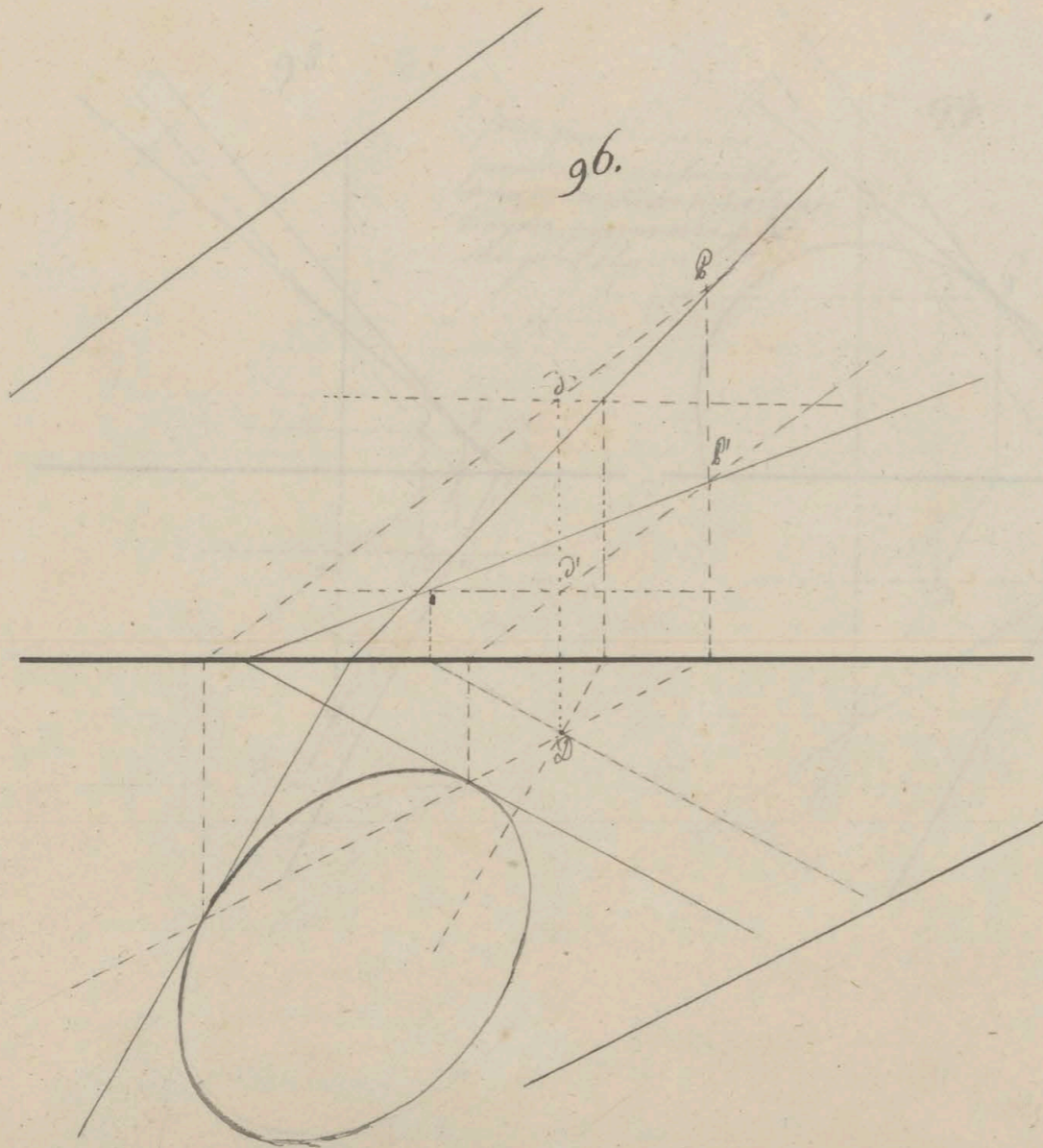
Faint handwritten notes in the top-middle section.

Faint handwritten notes in the bottom-left corner.

Faint handwritten notes in the bottom-right corner.

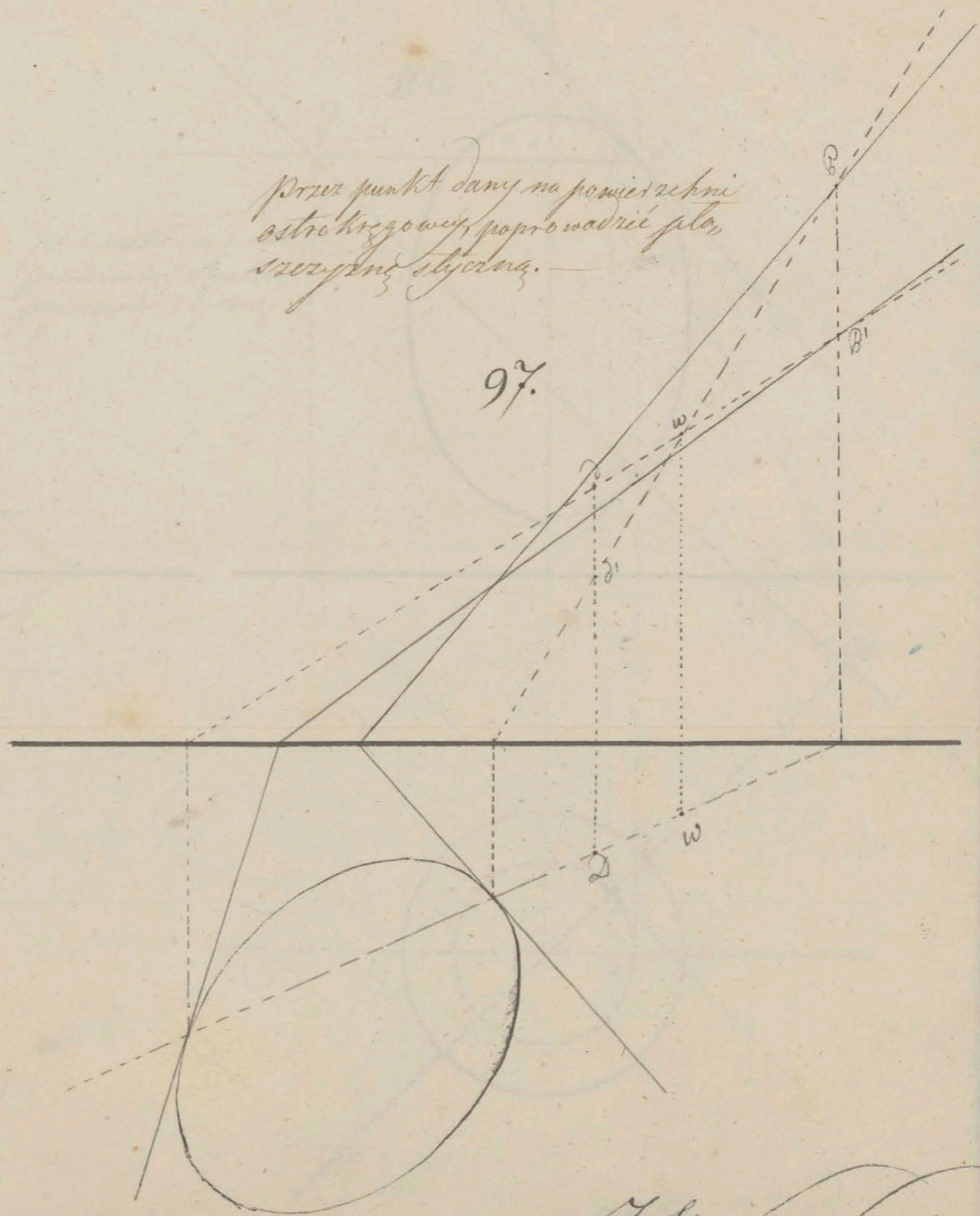
Tablica XX

Mając daną prostą kierownicę i nat poziomy ostrokręgu
poprowadzić do powierzchni ostrokręgu płaszczyznę
styczną.



96.

Przez punkt dany na powierzchni
ostrokręgu, poprowadzić płaszczyznę
styczną.

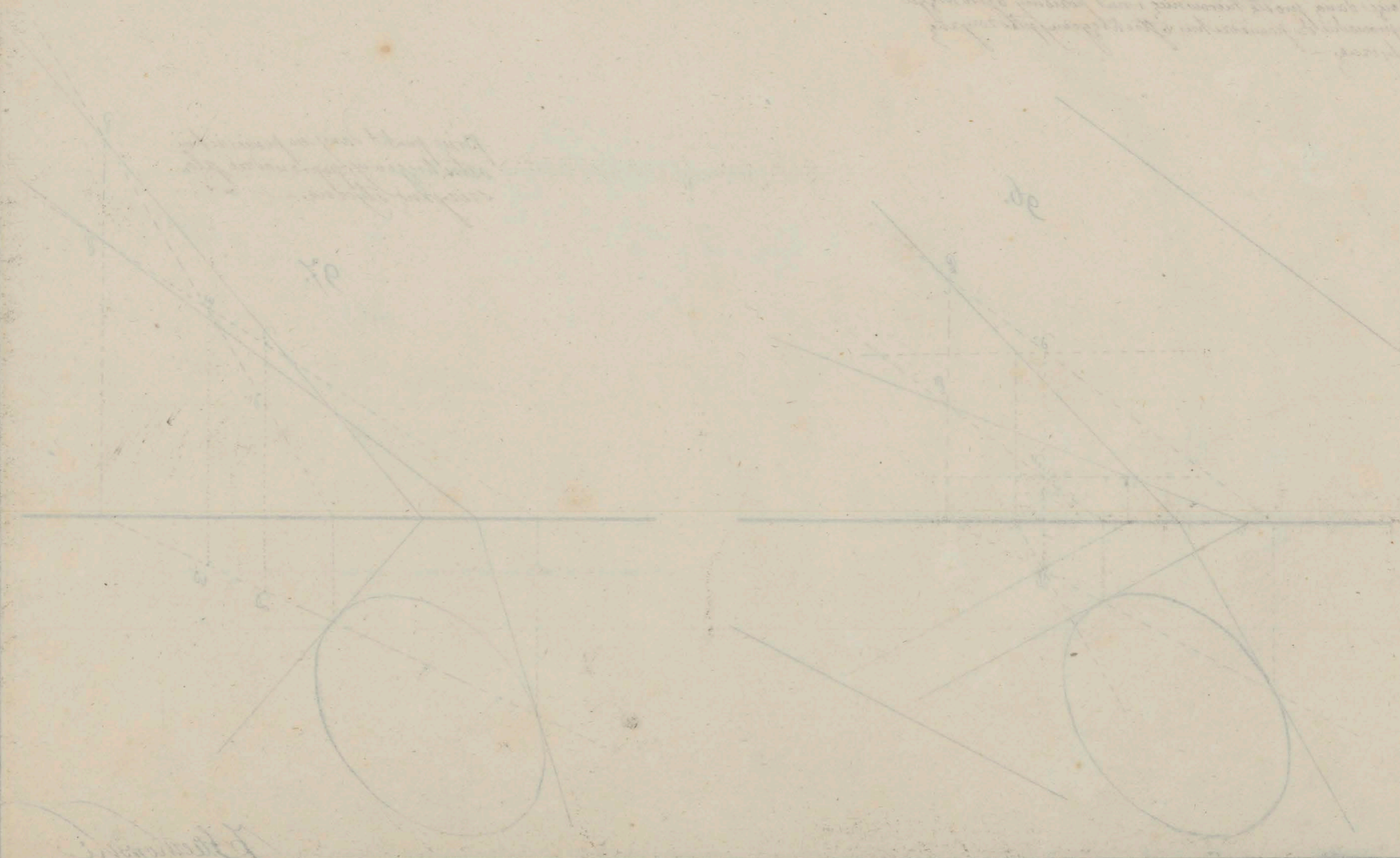


97.

J. Steinhilber

Tablica XX

Tablica XX
Tablica XX
Tablica XX

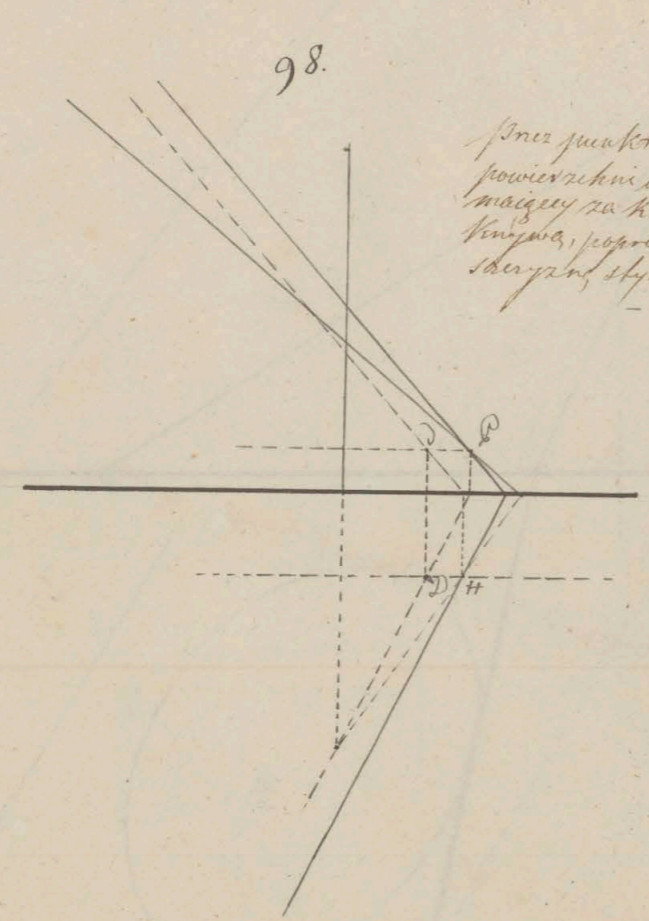


Tablica XX

Tablica XXI.

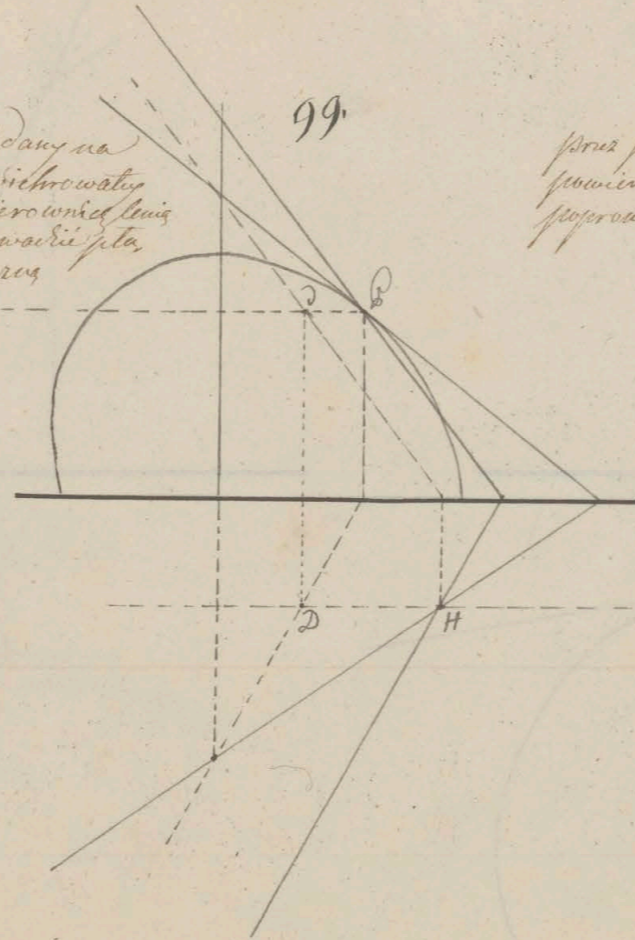
Przez punkt dany na powierzchni wierzbowatej parabolicznej
poprowadzić płaszczyznę styczną.

98.



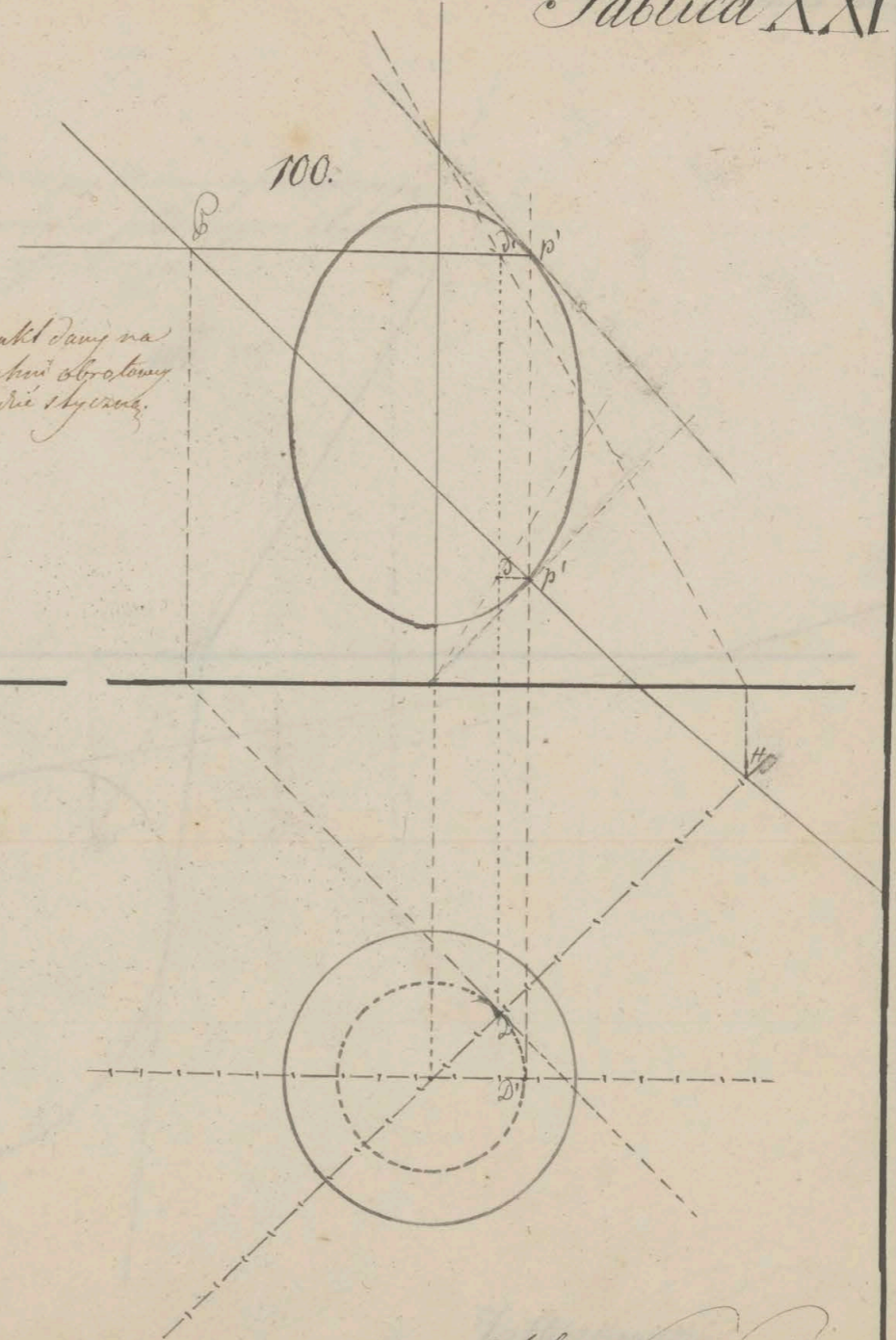
Przez punkt dany na
powierzchni wierzbowatej
maiejszy za kierownik lewis
kniejwa, poprowadzić pta,
styczną styczną

99.



Przez punkt dany na
powierzchni elipsoidalnej
poprowadzić styczną

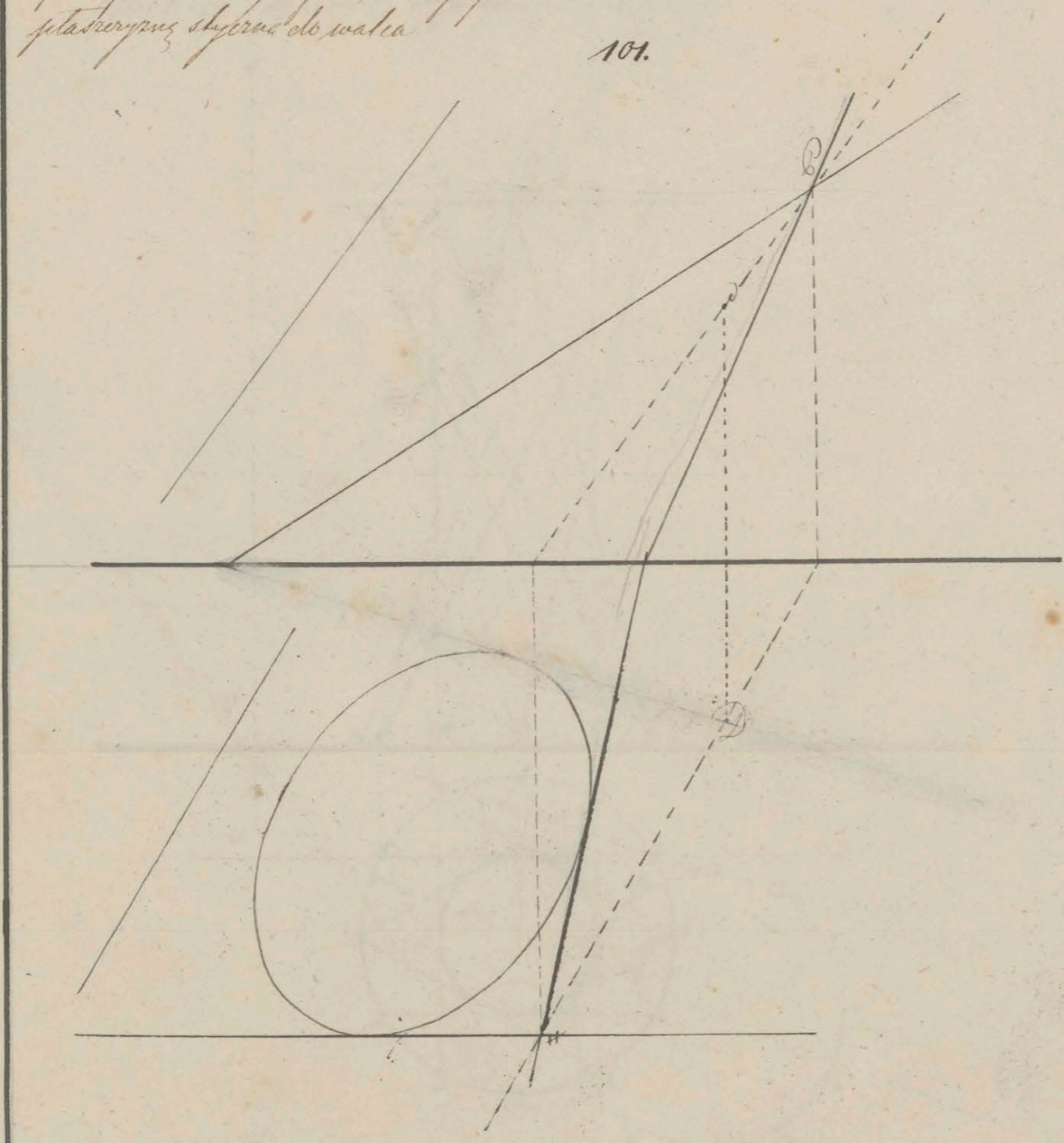
100.



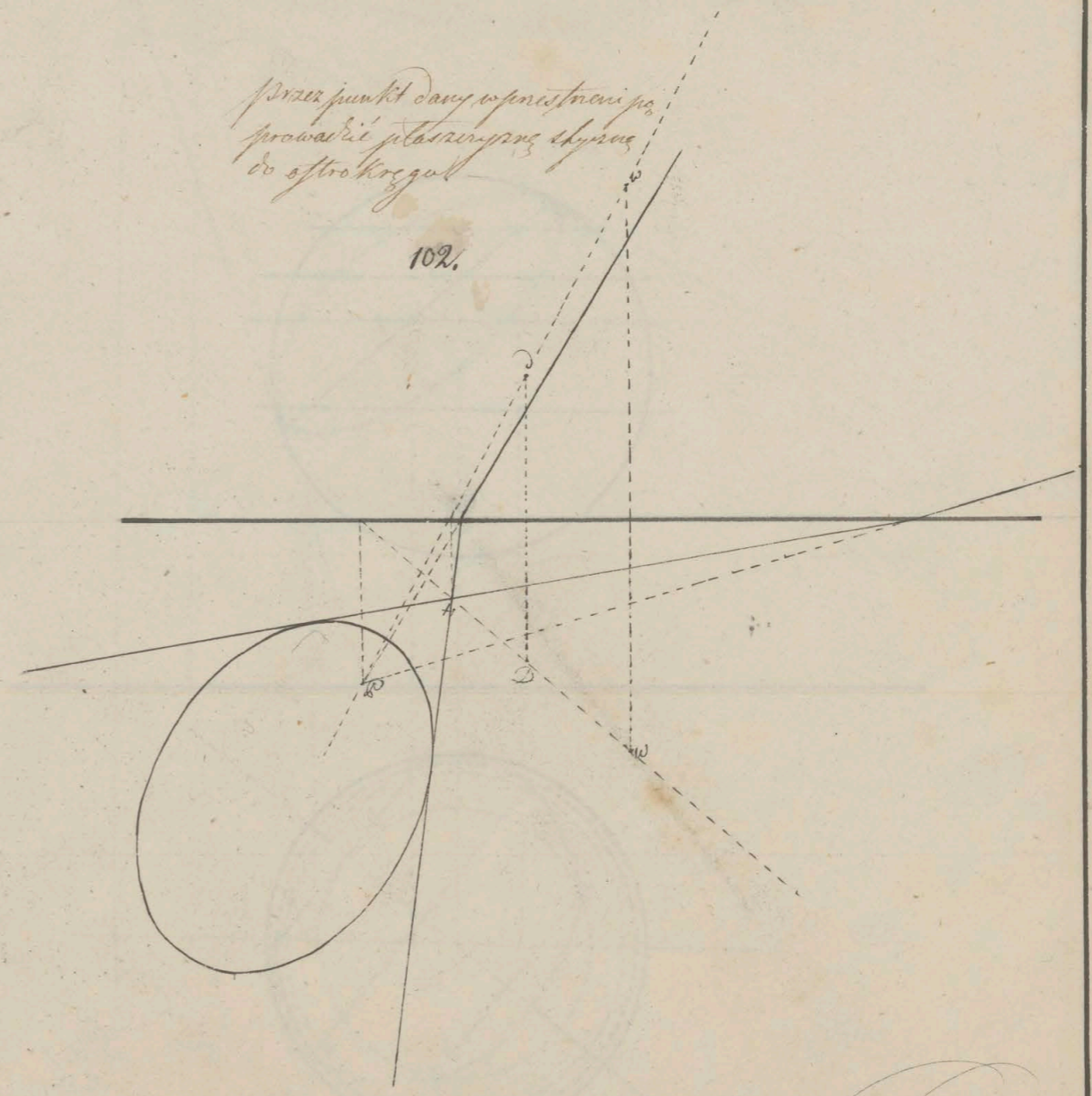
Altkowski

Tablica XXII

Przez punkt dany w przestrzeni poprowadzić
płaszczyznę styczną do walca 101.



Przez punkt dany w przestrzeni po-
prowadzić płaszczyznę styczną
do ostrokręgu 102.



J. Stechowski

Table XVII

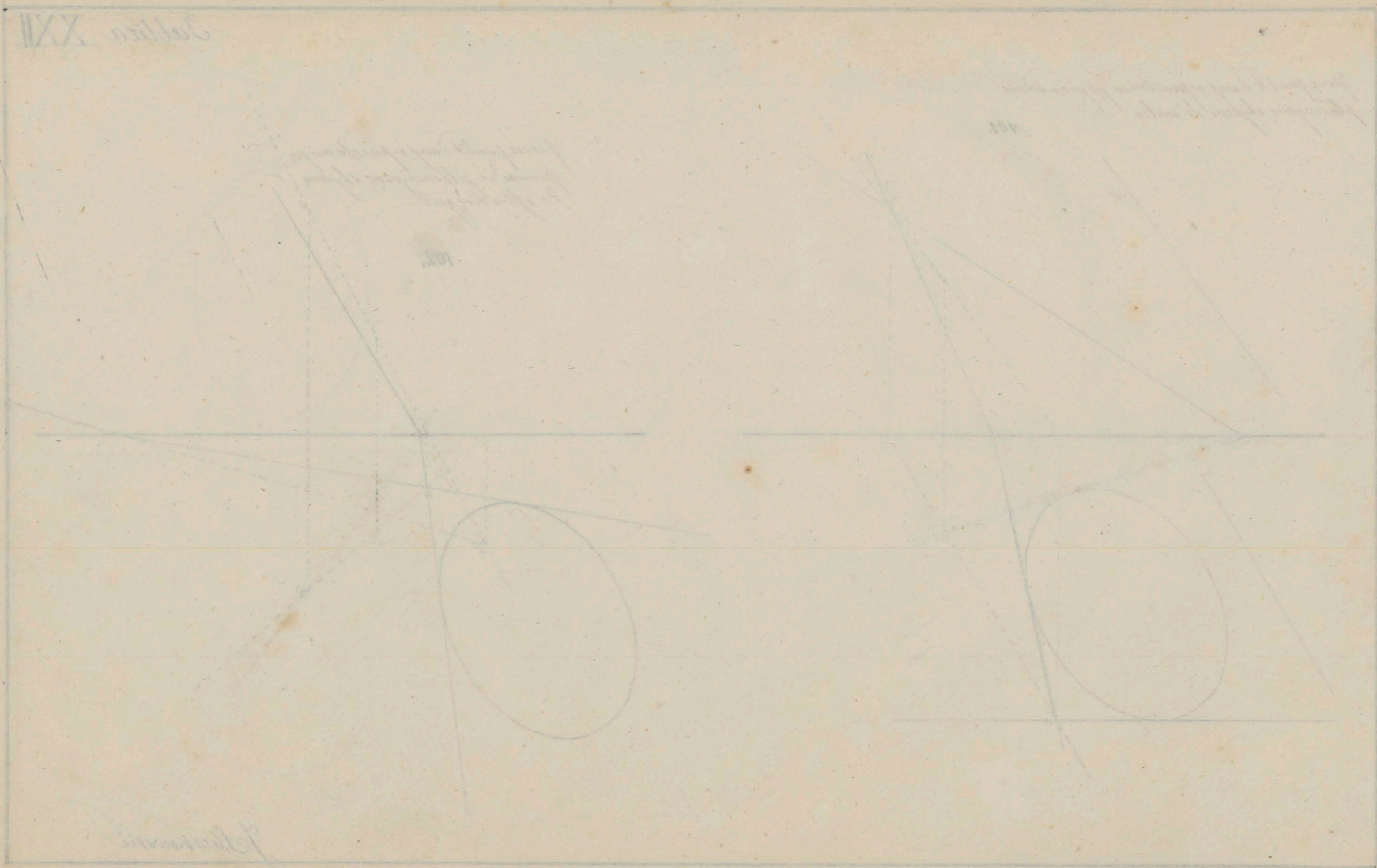


Table XVII

Tablica XVII

Przez punkt w przestrzeni dany poprowadzić
ostrokrąg i szereg w Hyperboloidy nielutowej

Poprowadzić ostrokrąg szereg przez punkt
dany w przestrzeni, do kuli

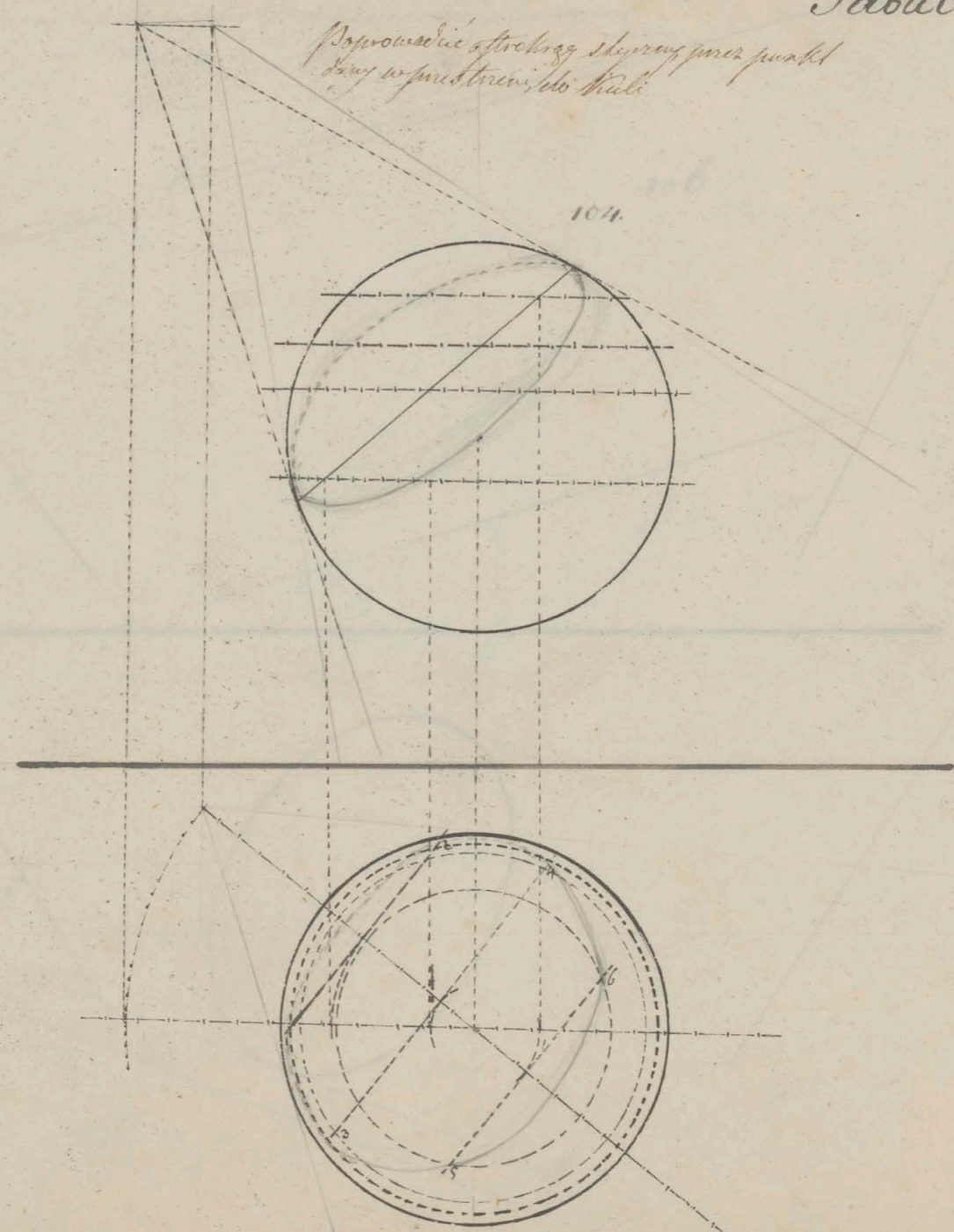
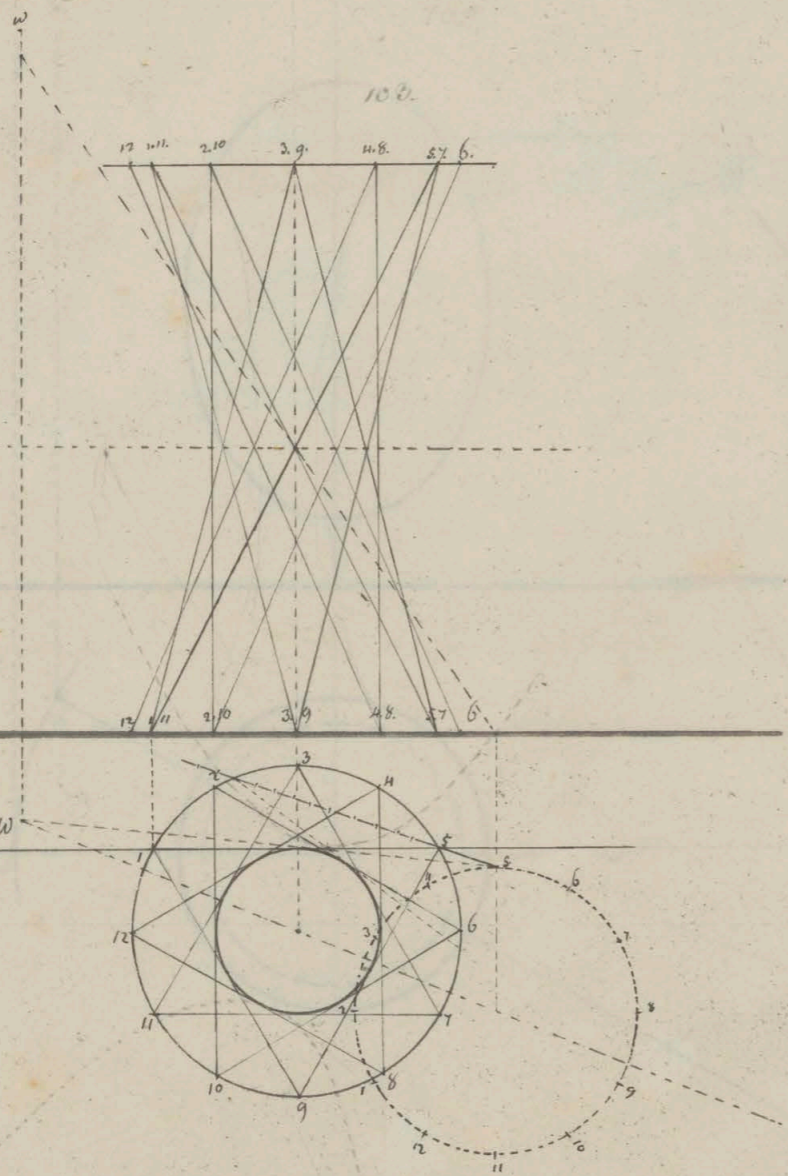
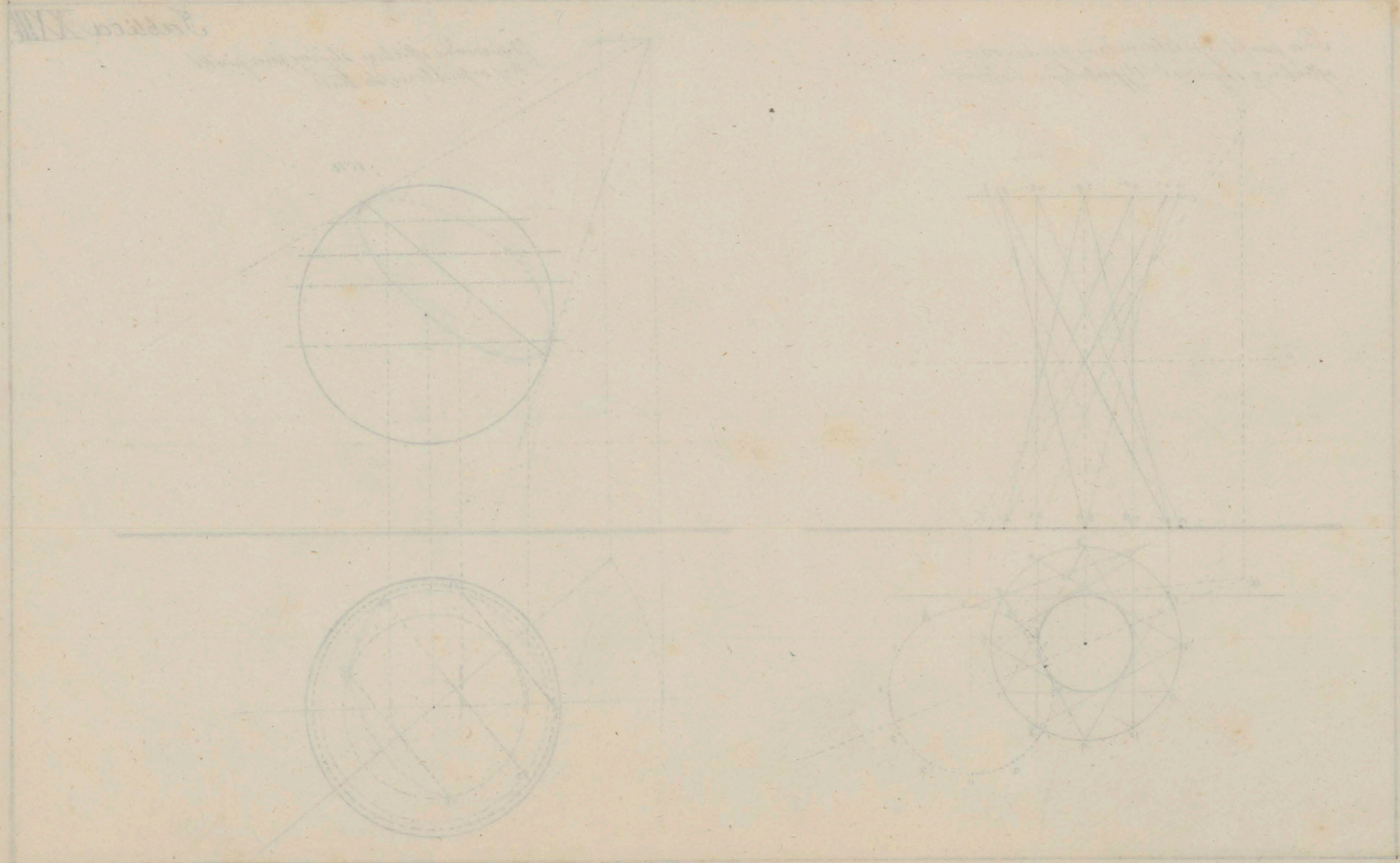


Figura XIII



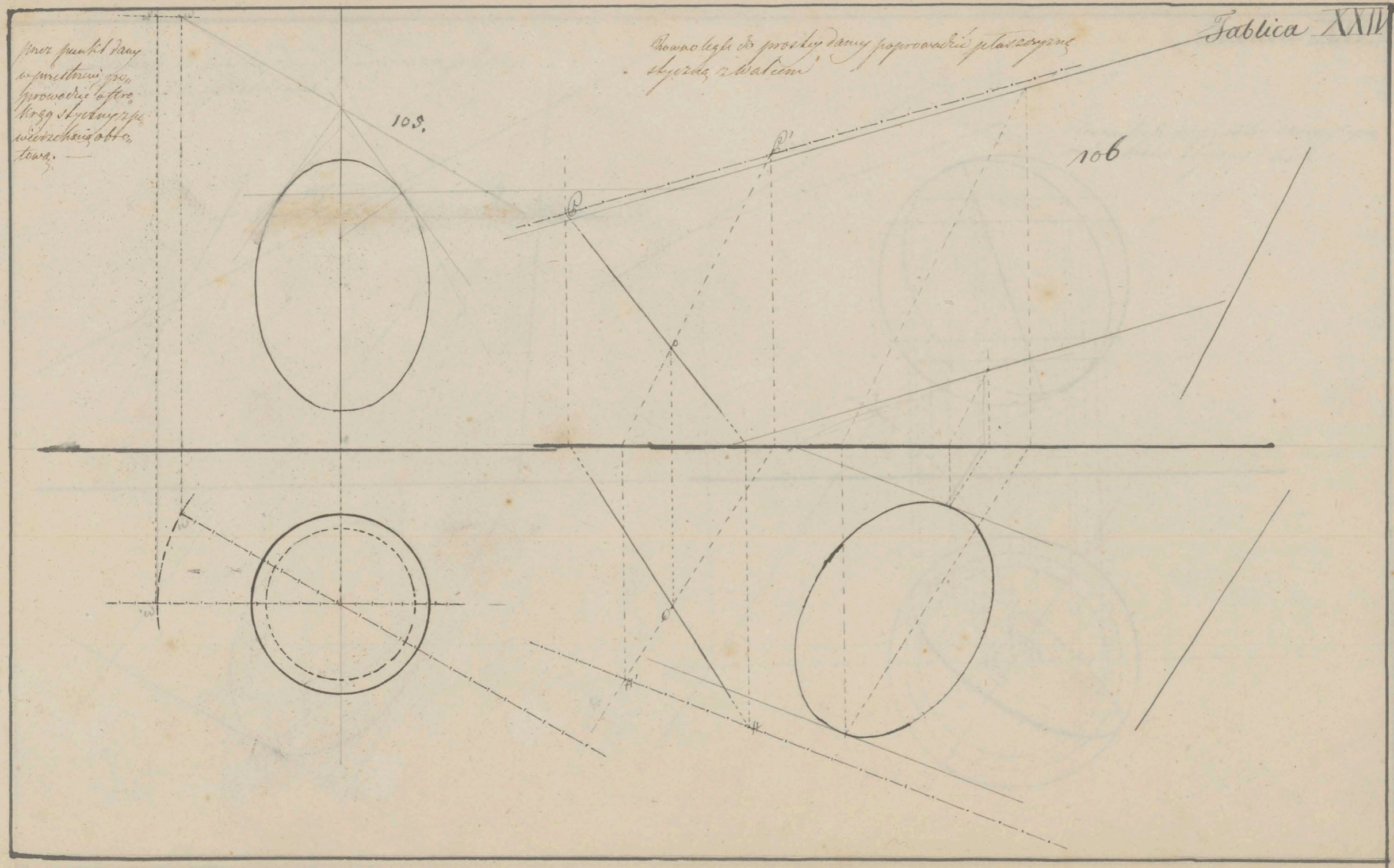
Tablica XXII

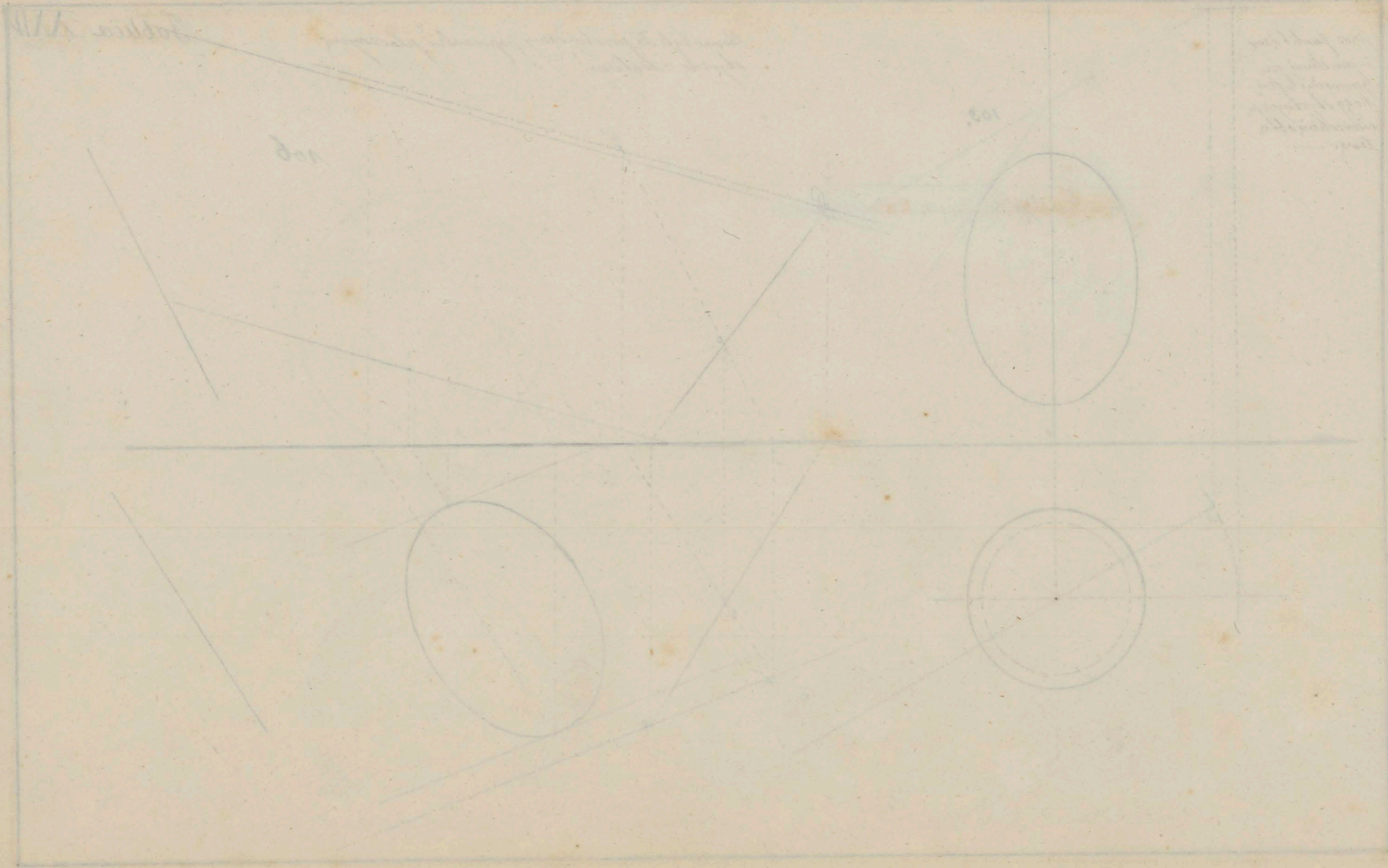
Przegląd do prosty dany poprowadzić płaszczyznę
styczną z kłosem

Przebieg punkt dany
w prostym pro-
gowadzie ośro-
dku i stycznej
wielokątów ob-
tusa.

105.

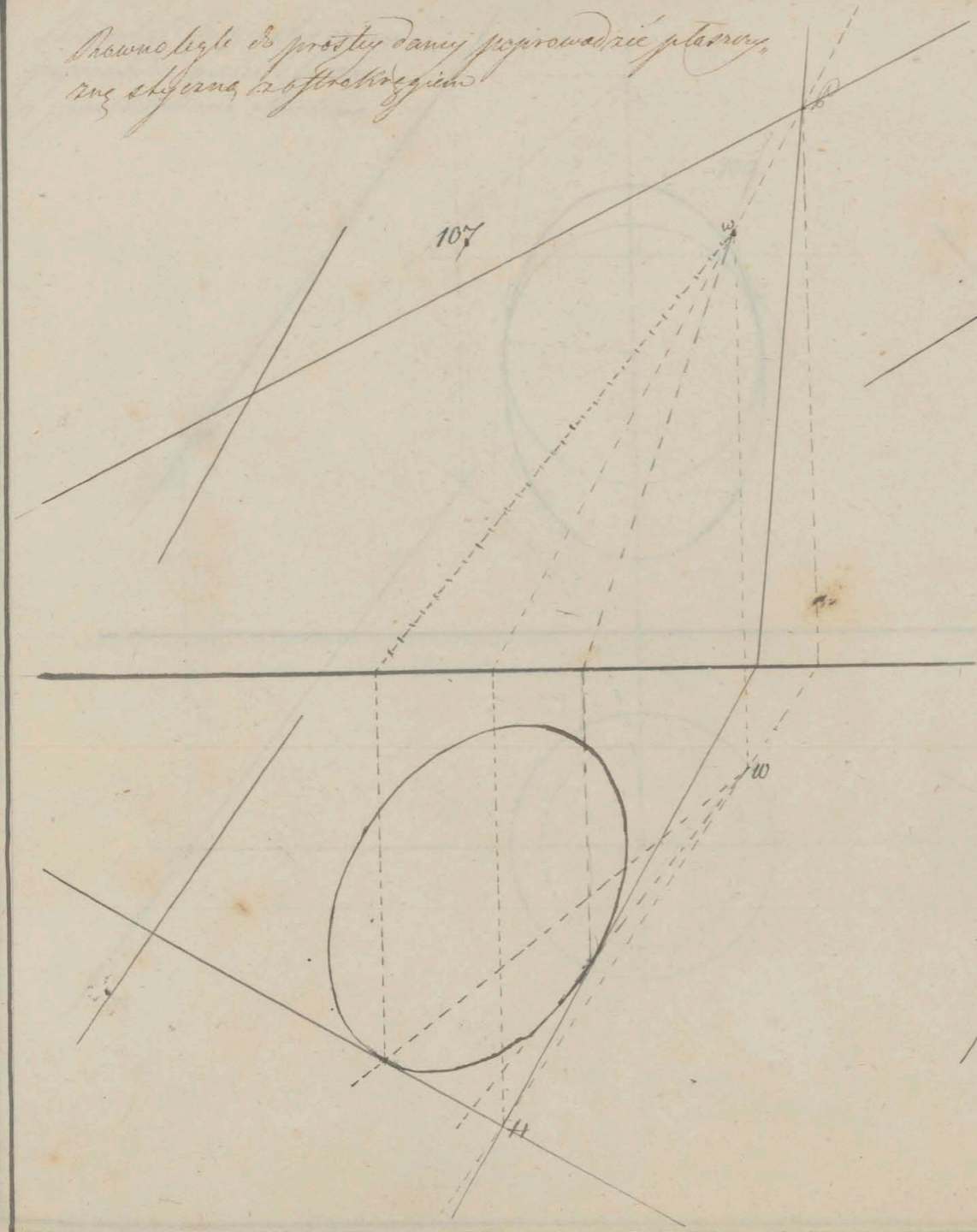
106



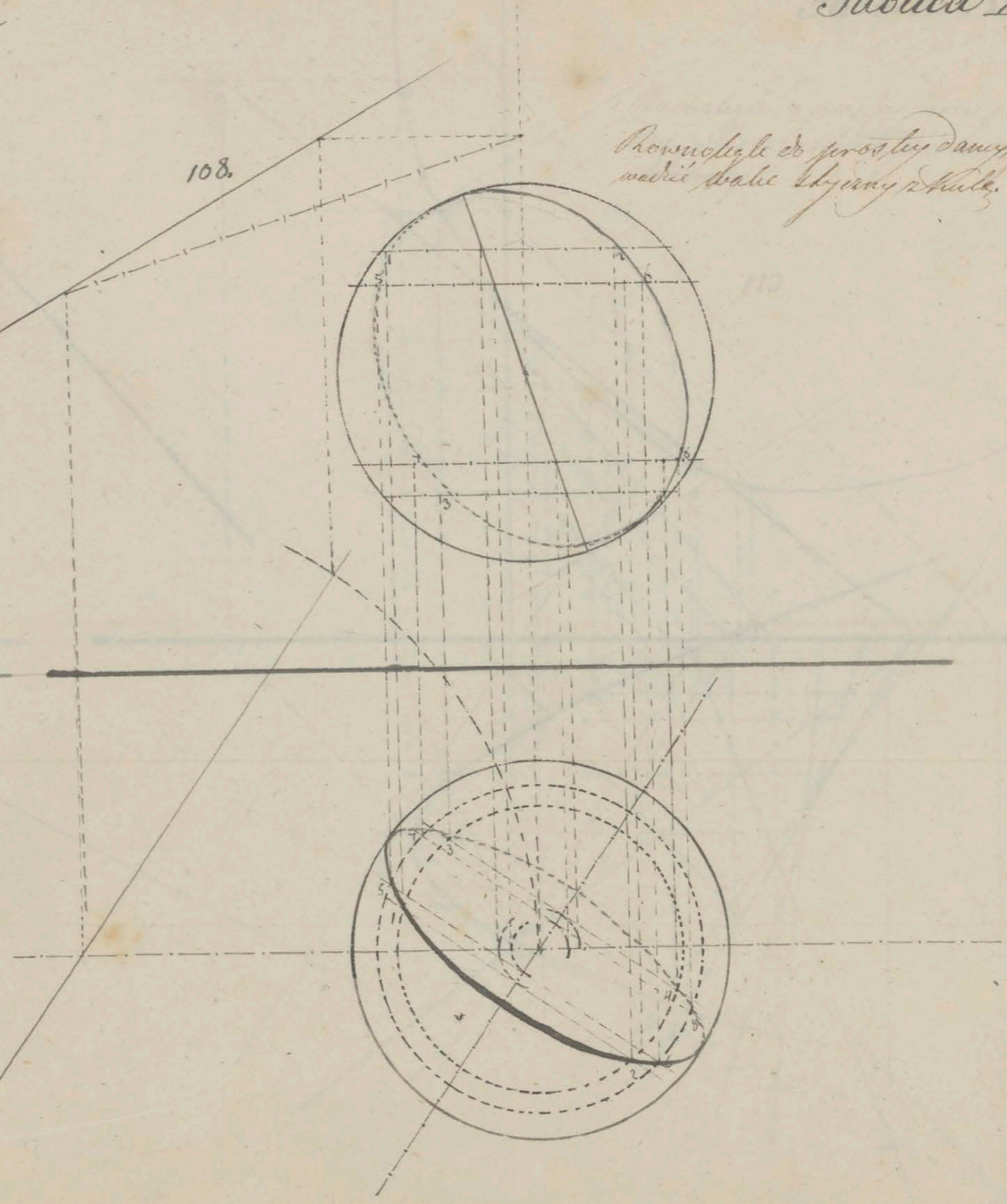


Tablica XXV

*Przewidywanie do prostey danyj poprowadzić płaszczyzny
równie sferny, a refrakcyjny*

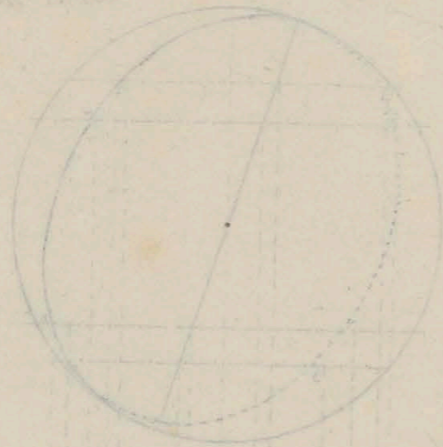


*Przewidywanie do prostey danyj popro-
wadzić płaszczyzny sferny, a refrakcyjny*

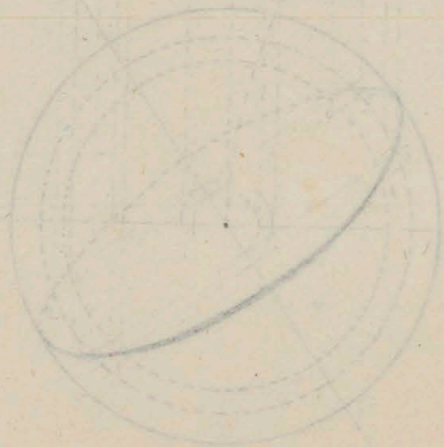


1771

Diagram of a sphere



801



Tablica XXVII

Skonotyle do prosty dany
poprowadzi wale szprowy
z powierzechnia obratowa

109.

Skonotyle do prosty dany poprowadzi
dnie piaszary ^{szprowy} do powierzechnia
obrotowej

110

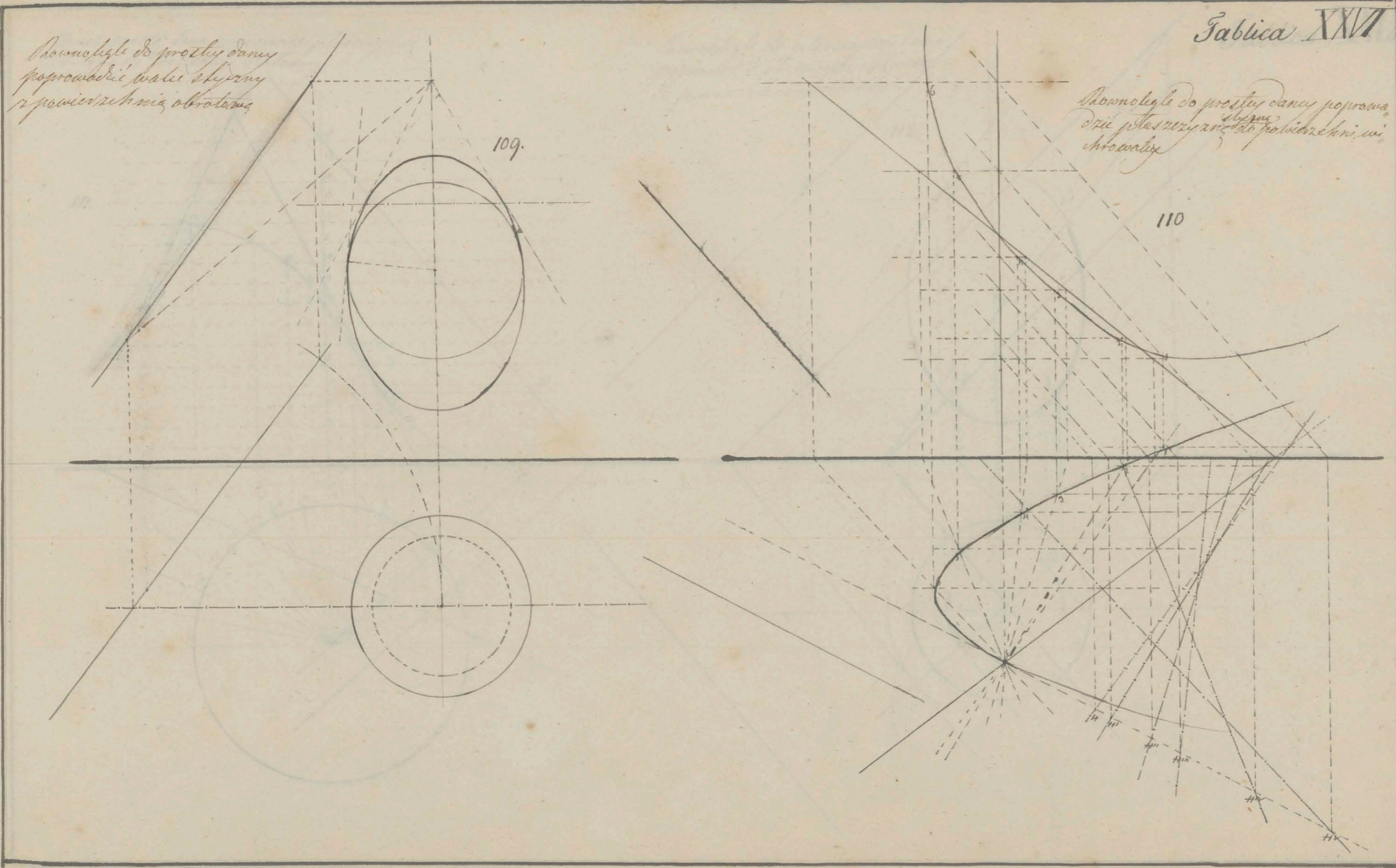
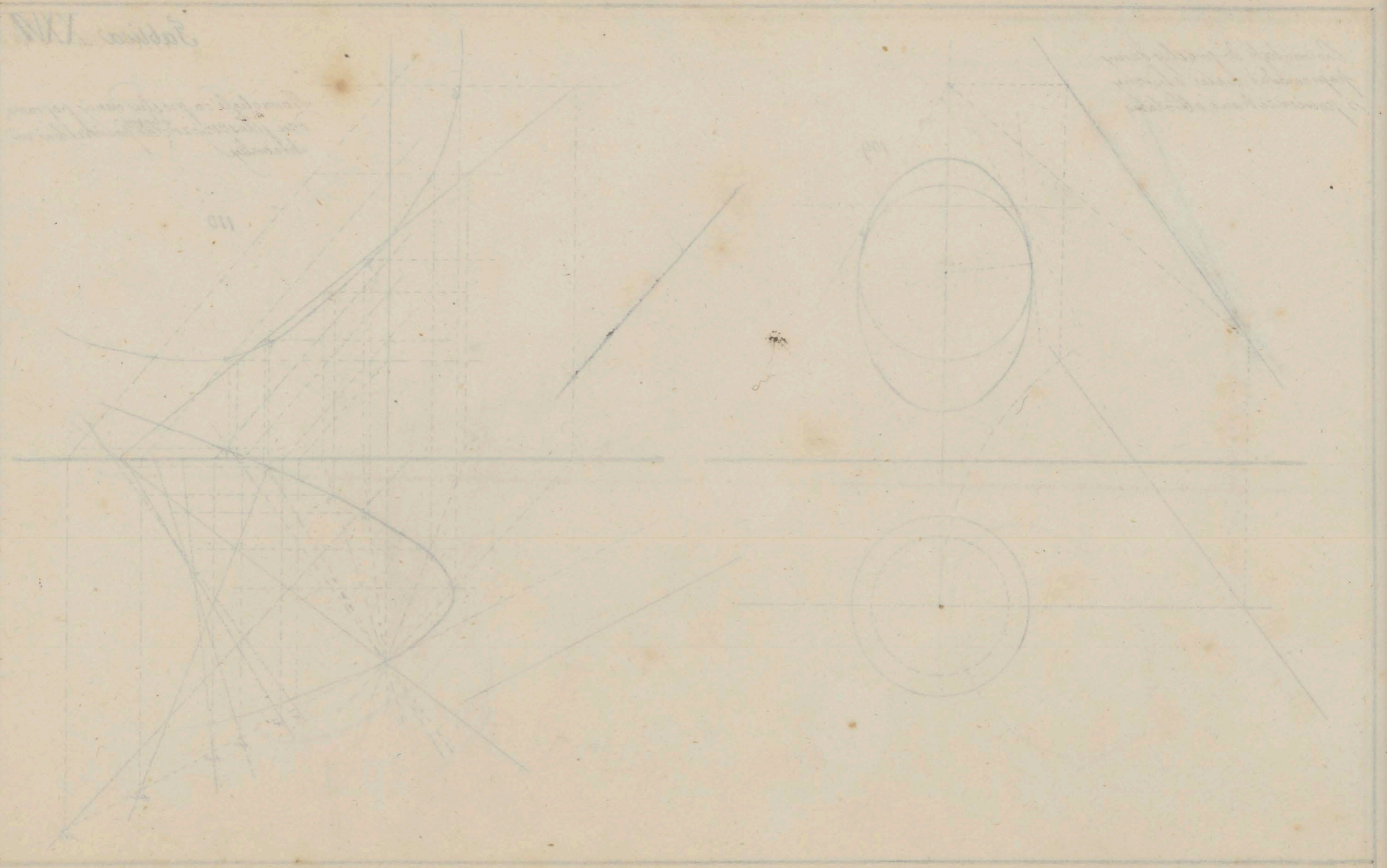


Table 100

Table 100
continued

110

Table 100
continued



*Przez prosta dana, przesuwa się piaszeczki
skrywane do Heliskij, Matowicy*

*Przebiegłość do piaszeczki daney
proporcjonalnie piaszeczki skrywane
do pomiaru lini obrotowey*

111.

112.

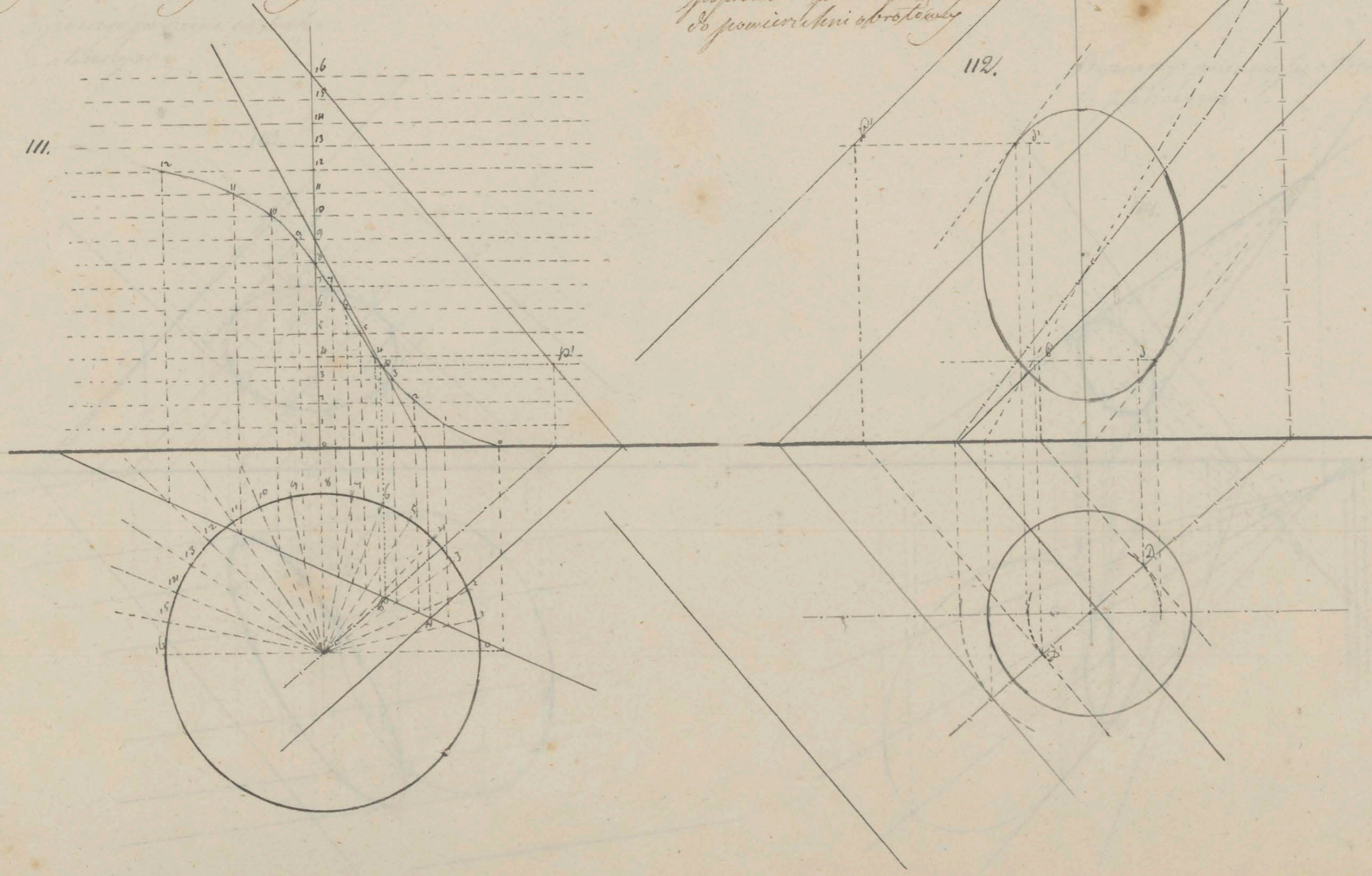
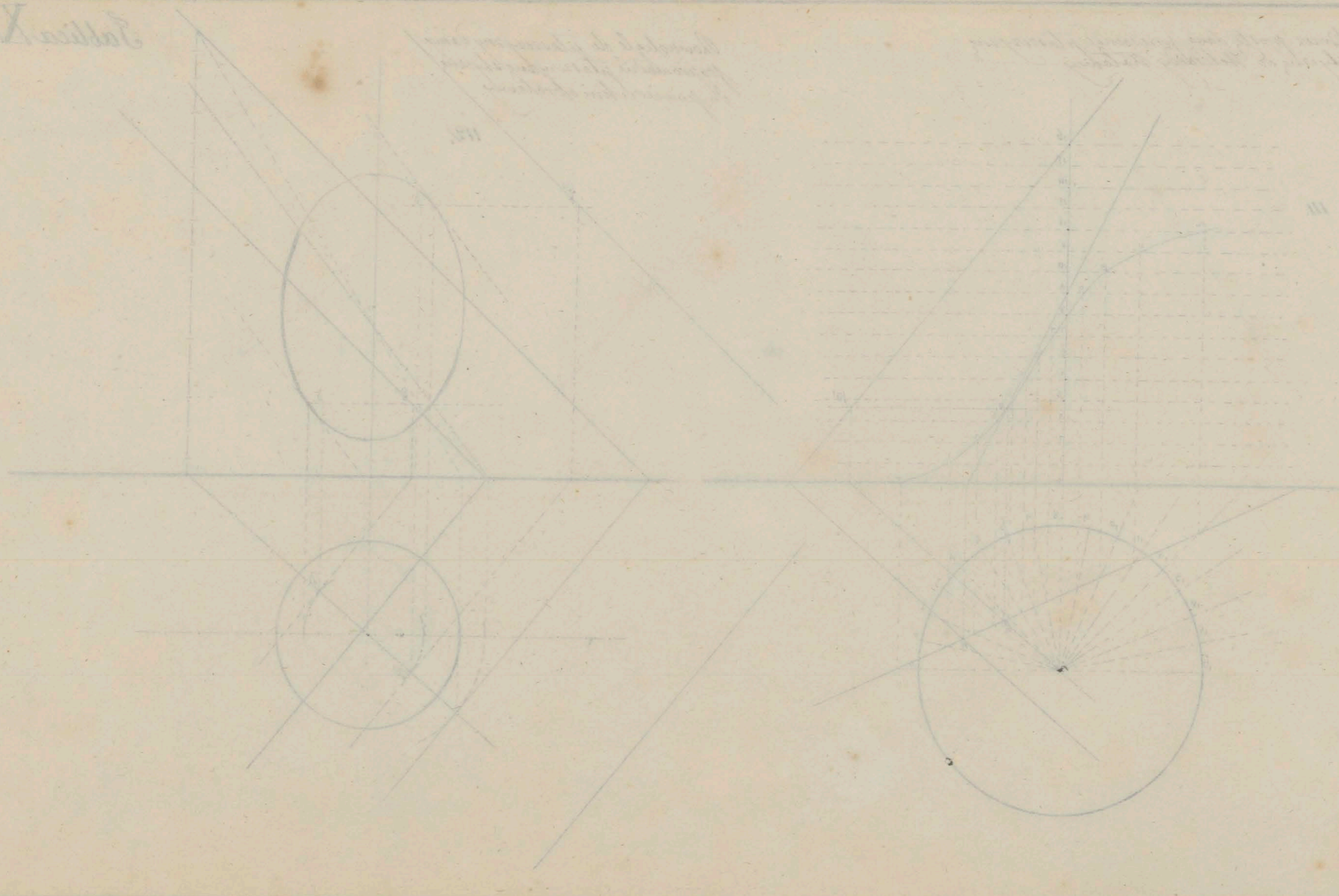


Tableau XIV

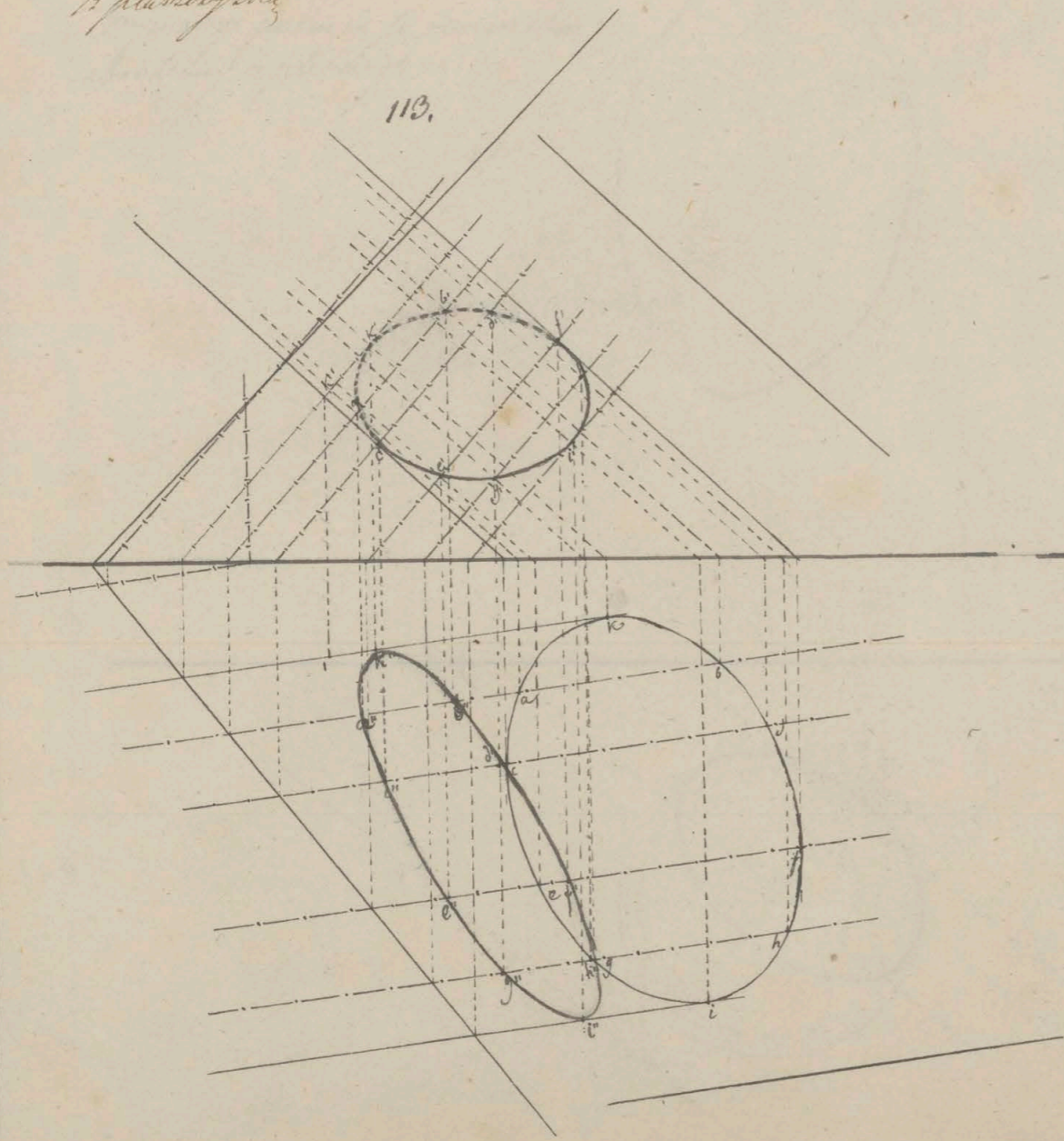
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Faint handwritten text, possibly describing the construction of the figure.



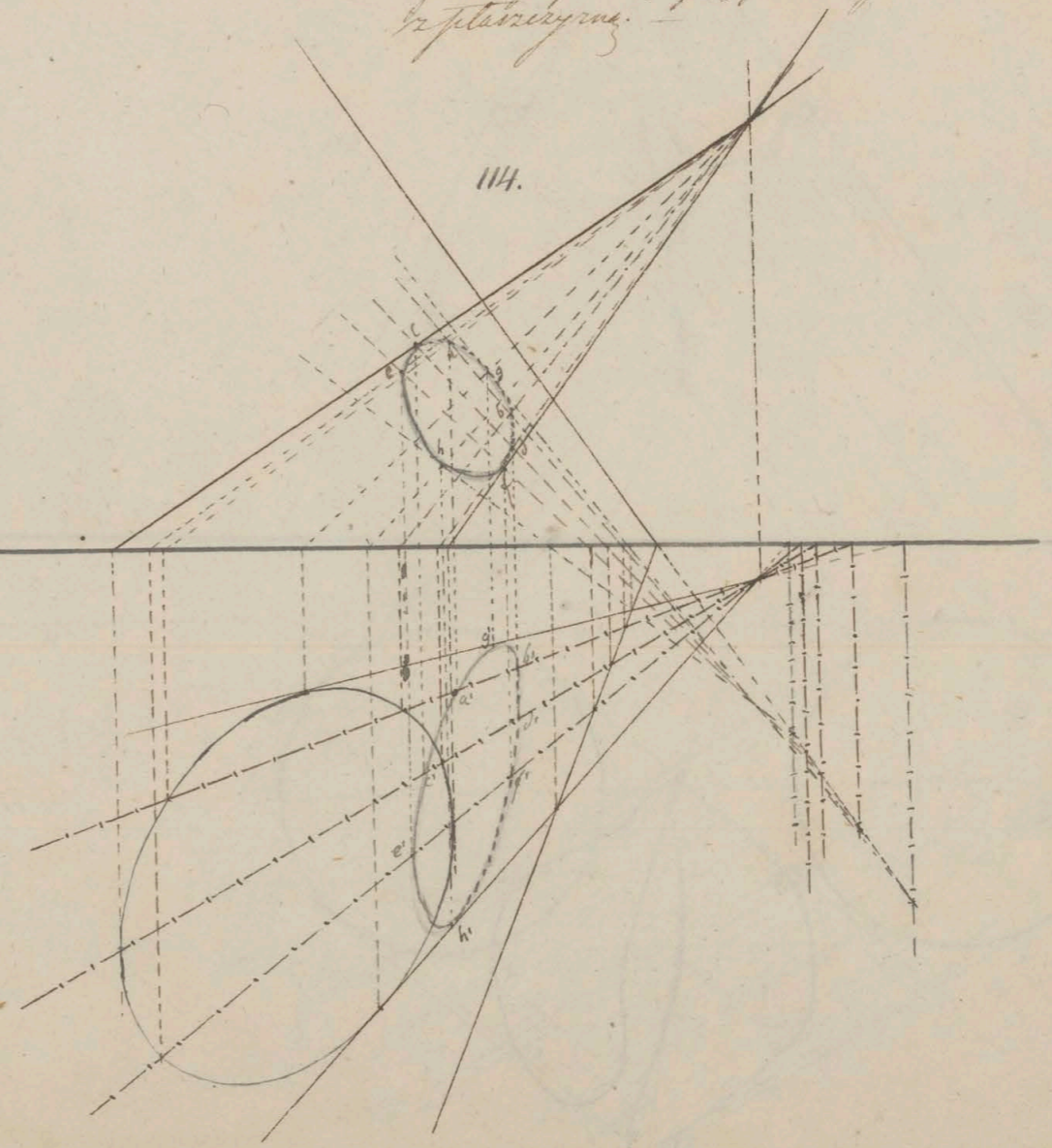
Wyznaczenie precyzyi sz. walec
w planimetrii

113.

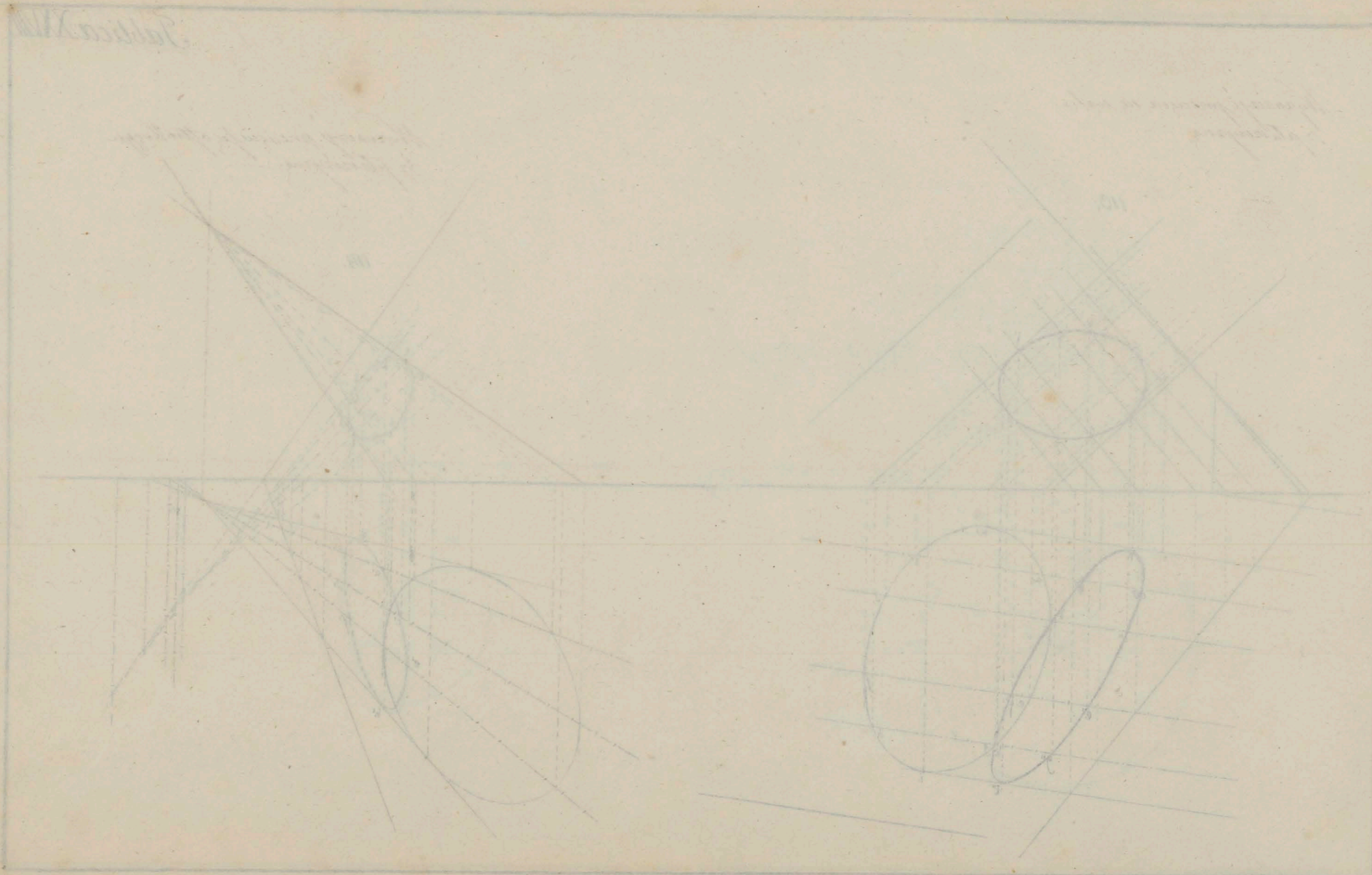


Wyznaczenie precyzyi sz. ostrokręgu
w planimetrii

114.

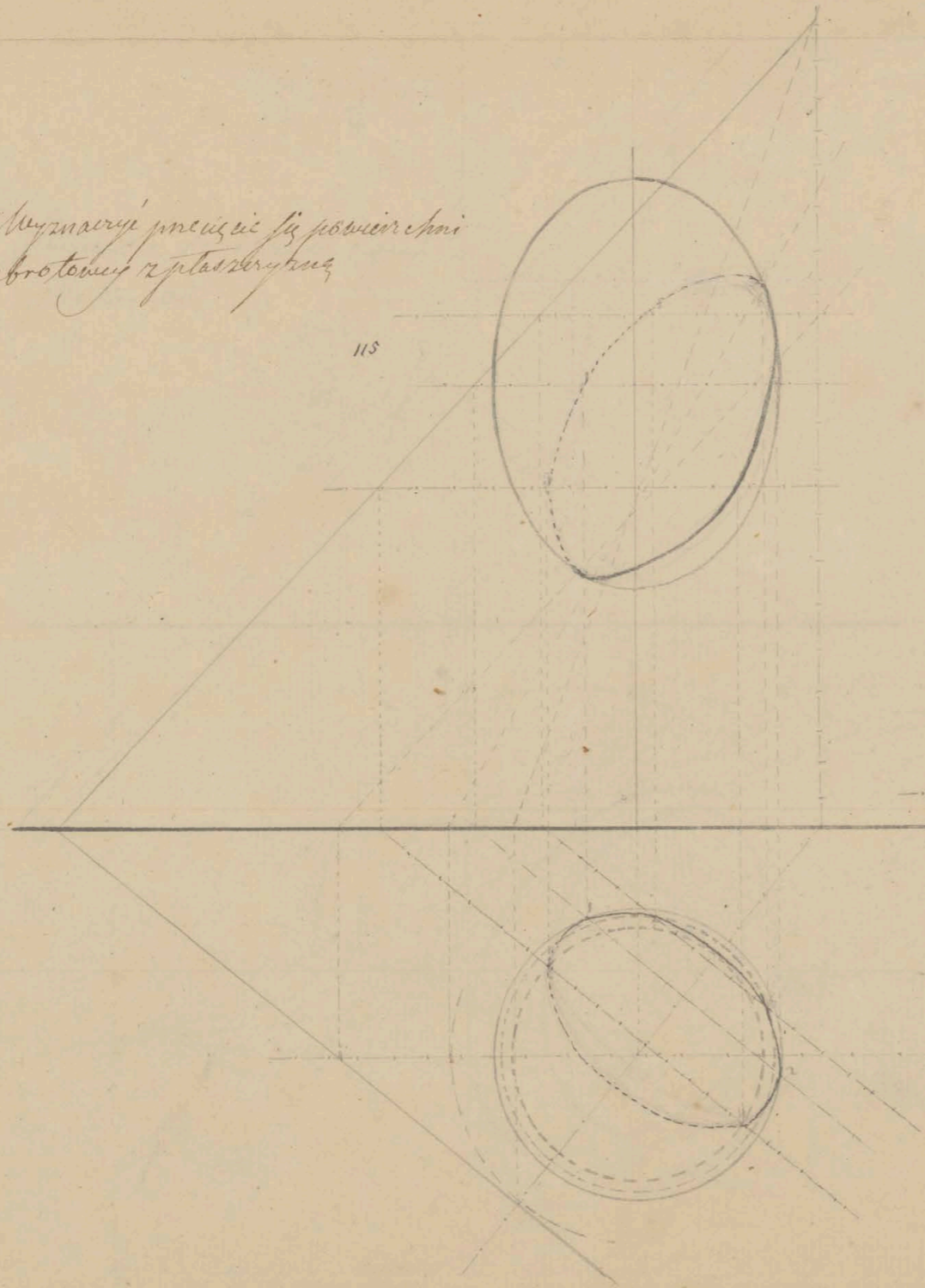


Tablica XII



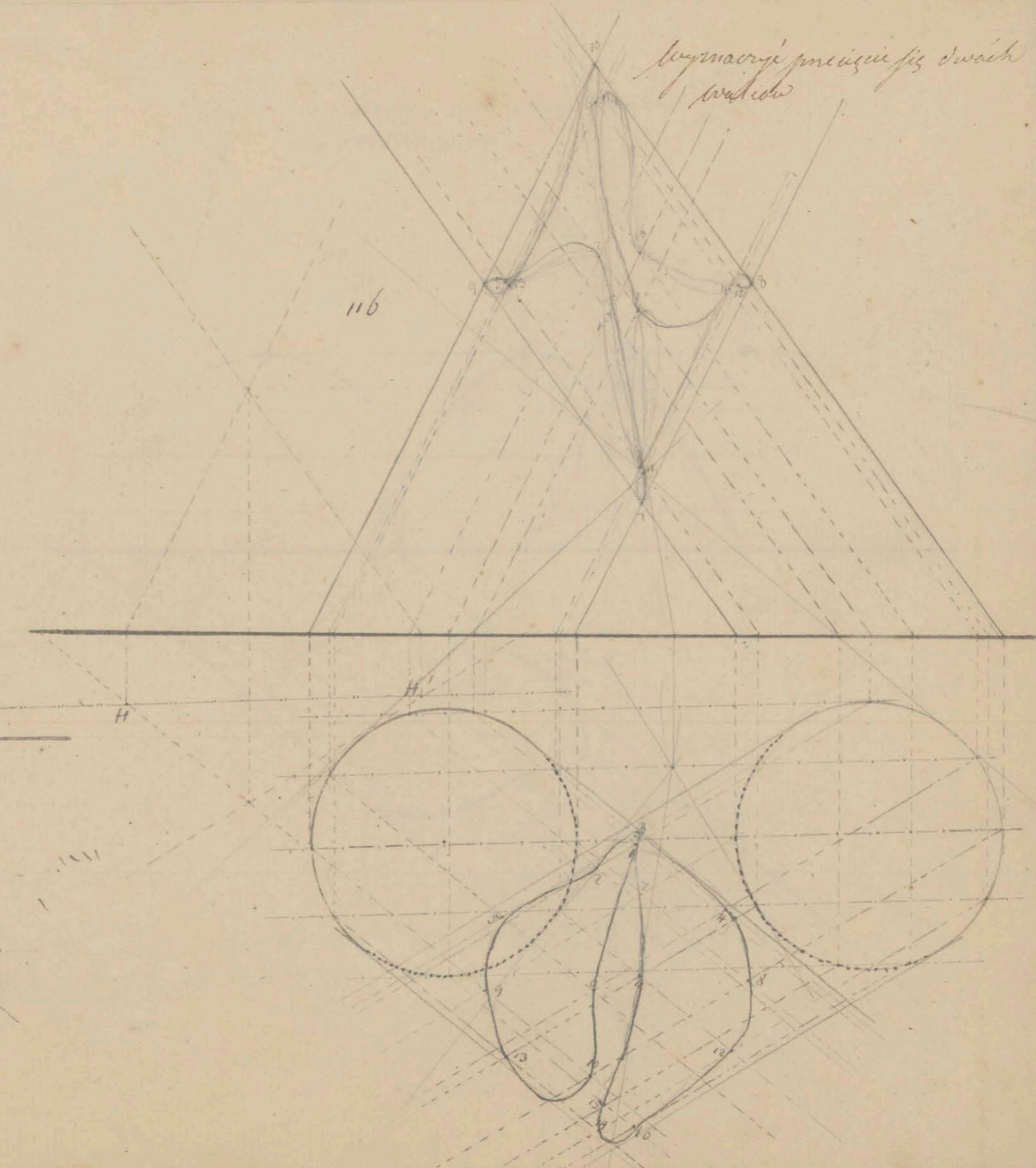
*Wyznaczenie powierzchni
obrotowej z płaszczyzn*

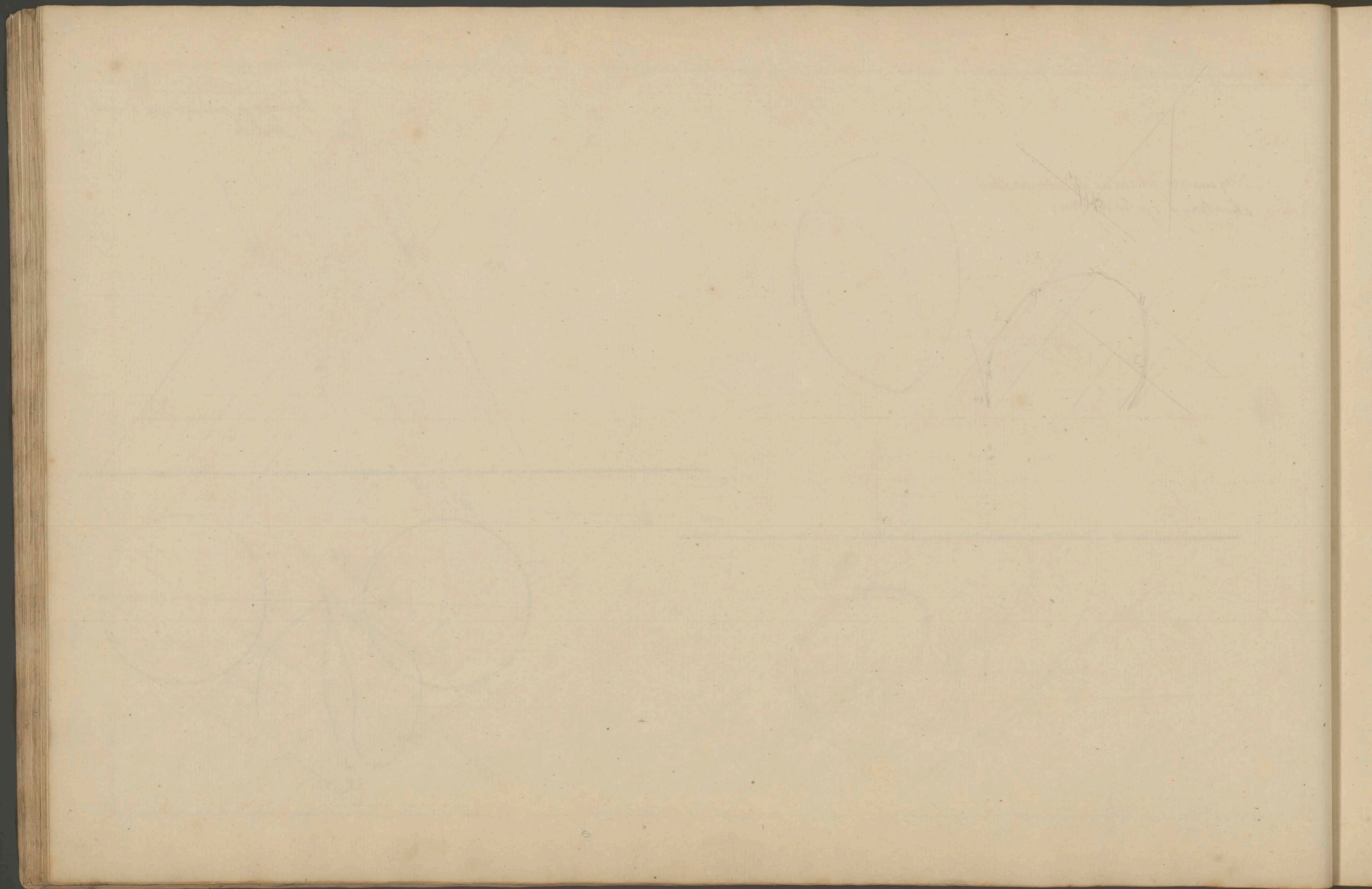
115



*Wyznaczenie powierzchni
dwóch
wałków*

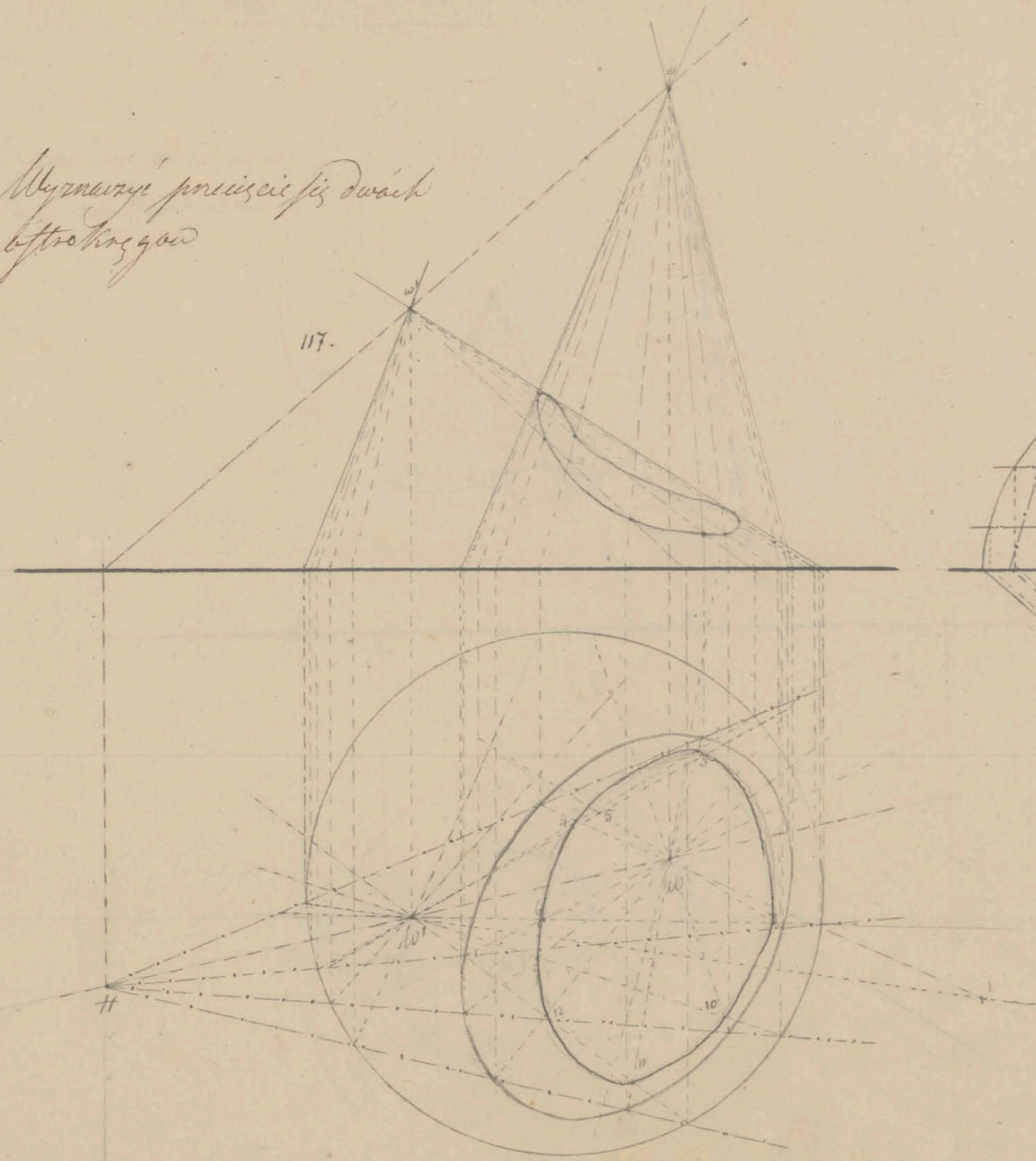
116





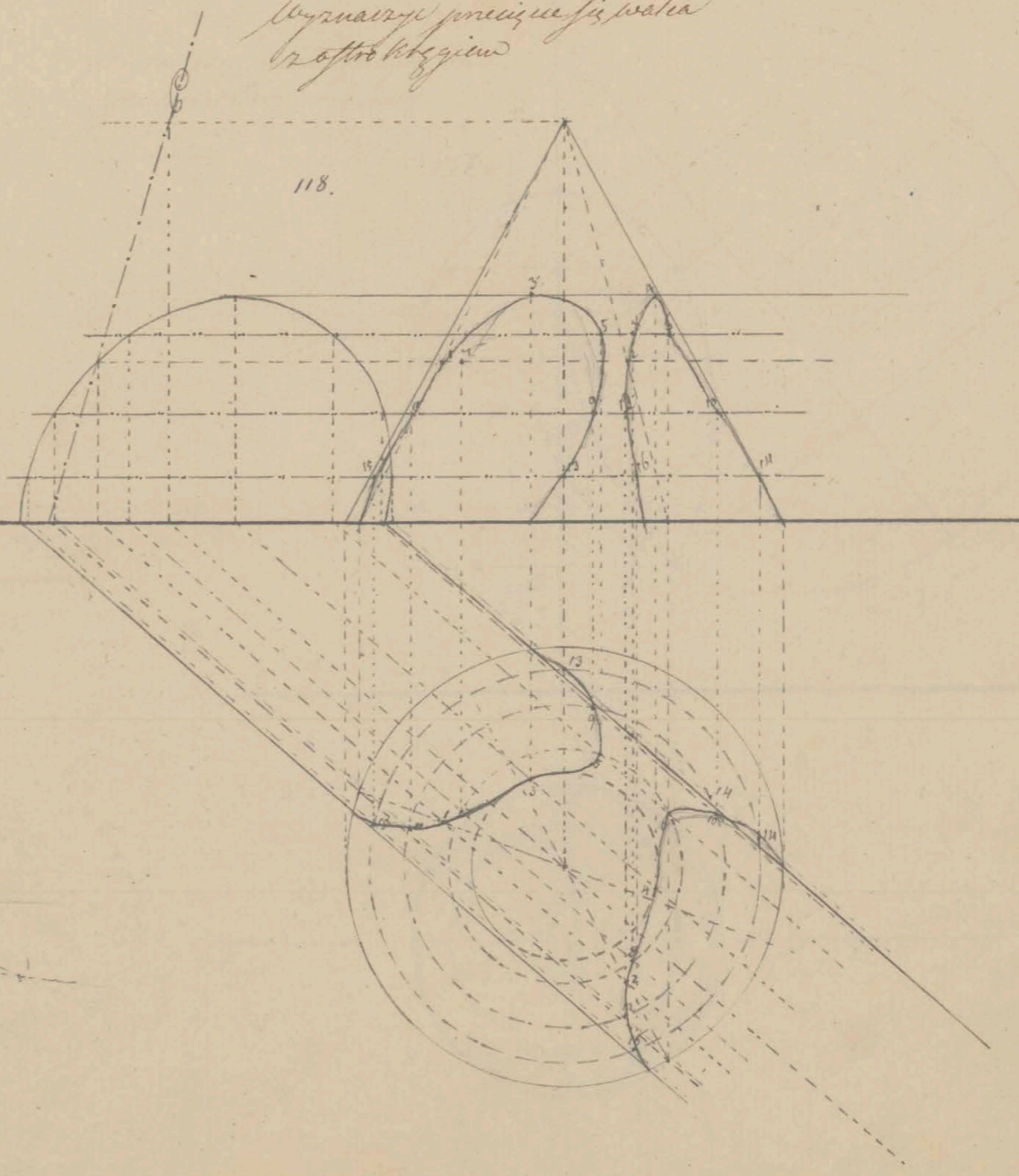
Wyznaczenie przecięcia się dwóch
brył stożkowych

117.



Wyznaczenie przecięcia się walca
z ostrostożkiem

118.

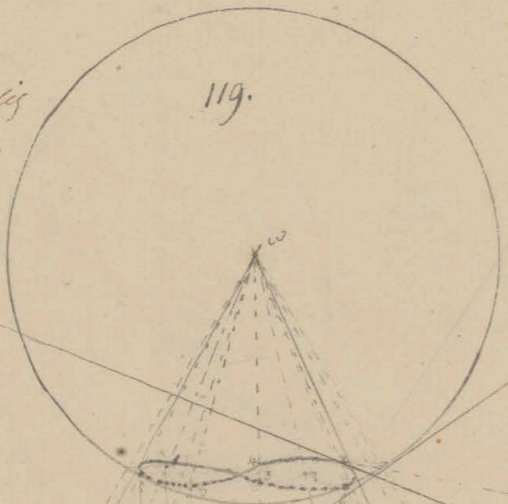


Faint handwritten text at the top left.

Faint handwritten text at the top right.

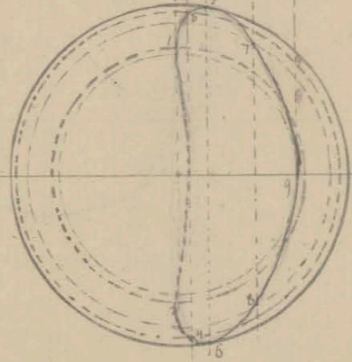
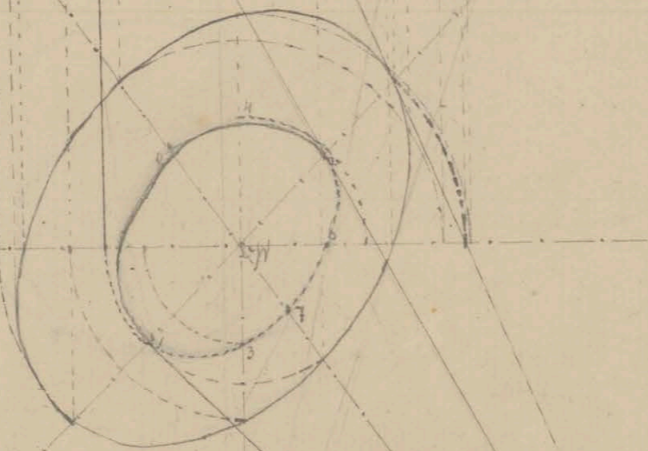
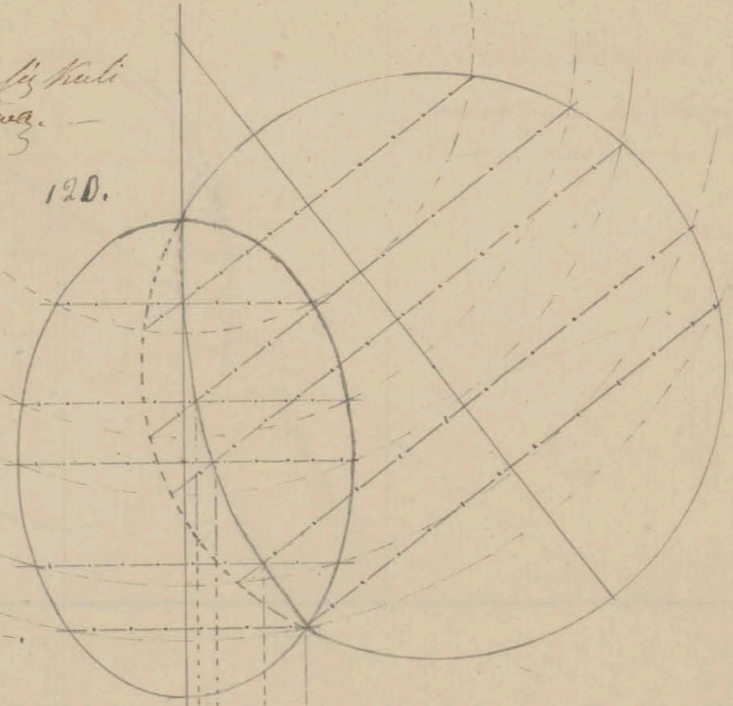


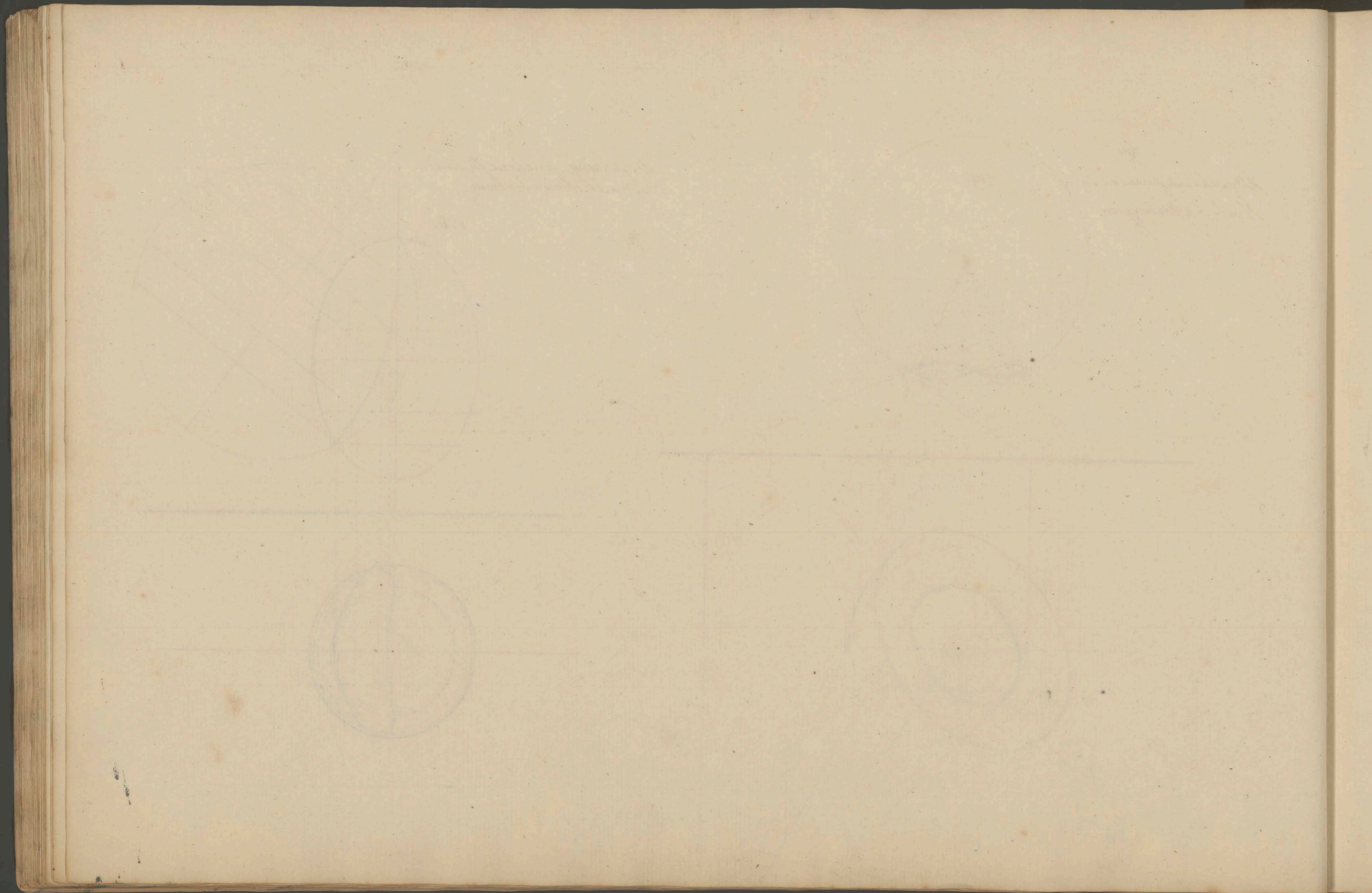
Wyznaczenie punktu i
kuli sferoidalnej



Wyznaczenie punktu i
sferoidalnej obrótowej.

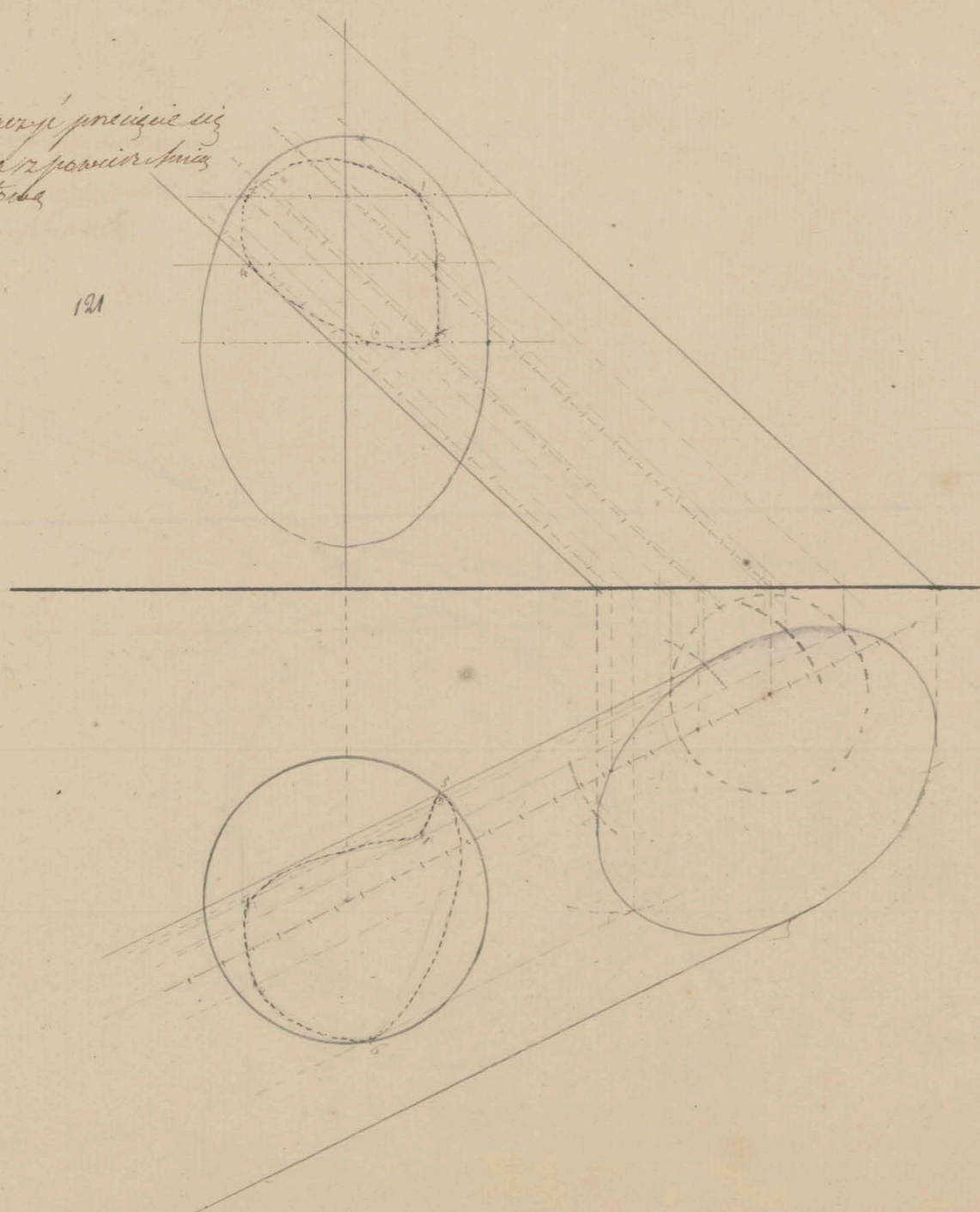
120.





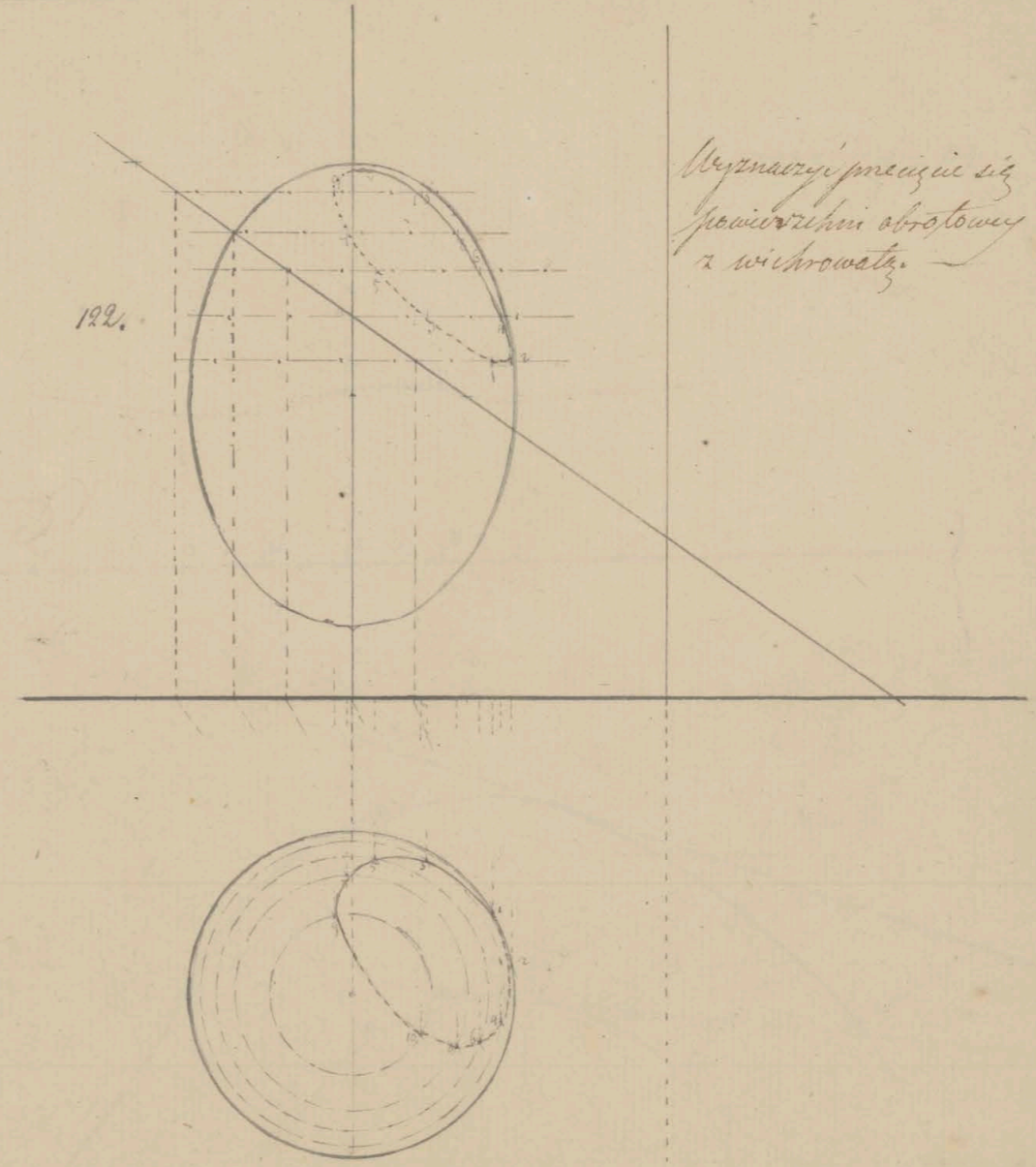
Wyznaczenie precyzyjnie się
Walec z powierzchni
obrotowej

121



122

Wyznaczenie precyzyjnie się
powierzchni obrotowej
z wierzchołkami



Faint handwritten text, possibly a title or reference.

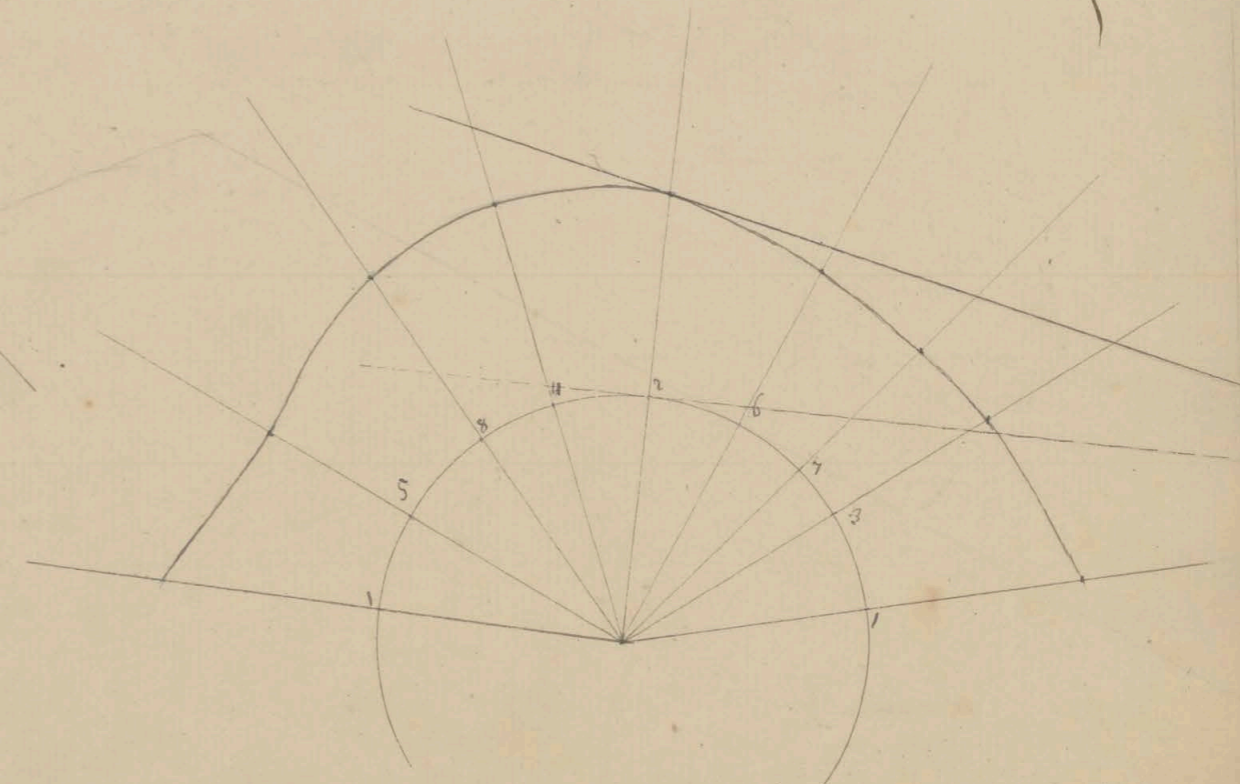
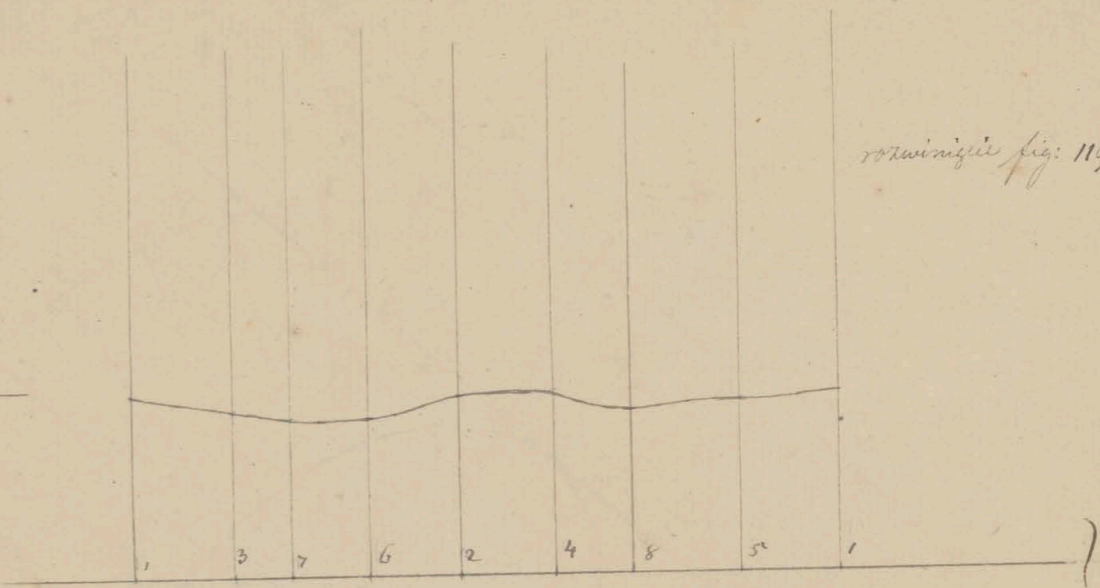
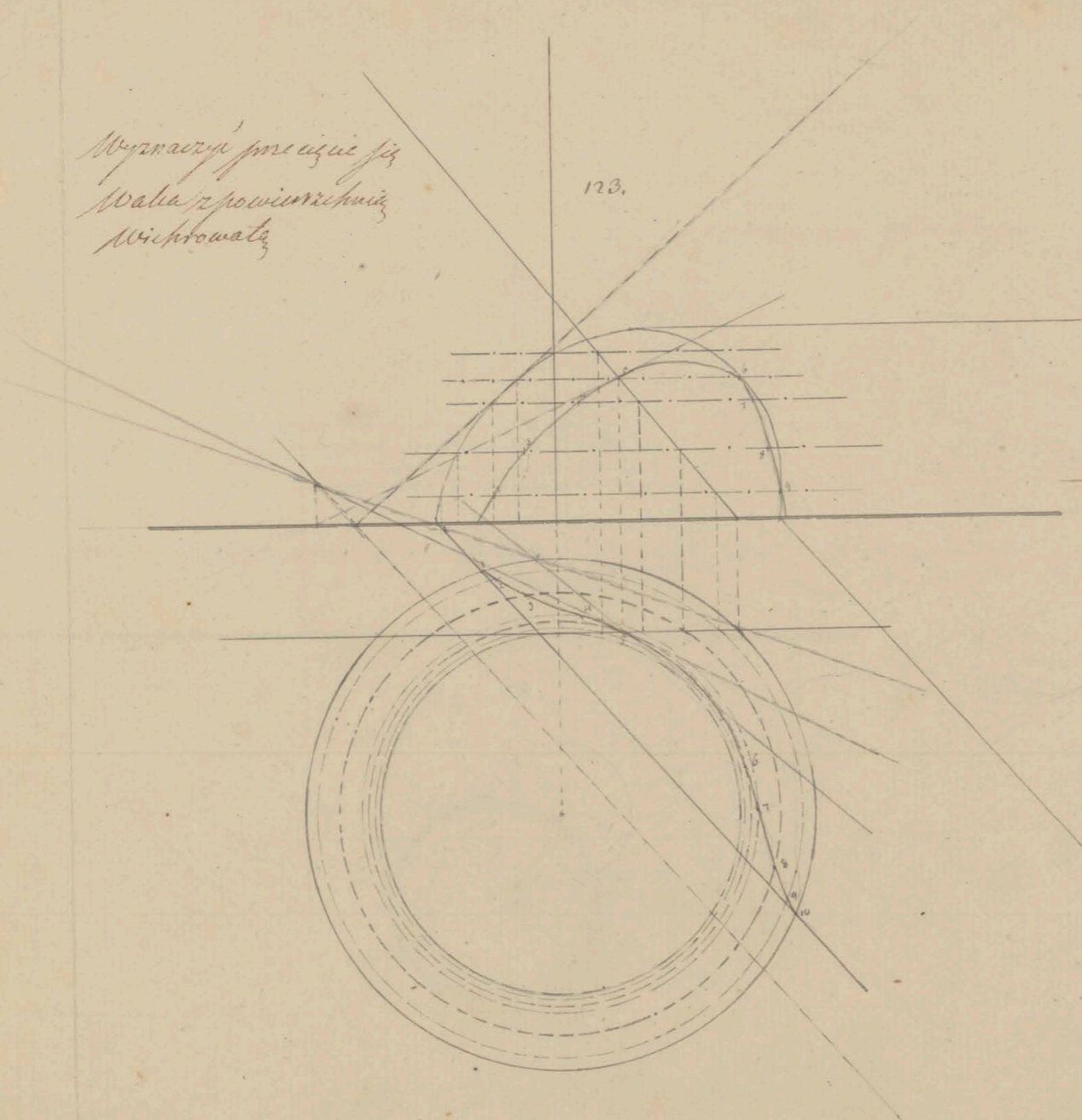
Faint handwritten text, possibly a title or reference.

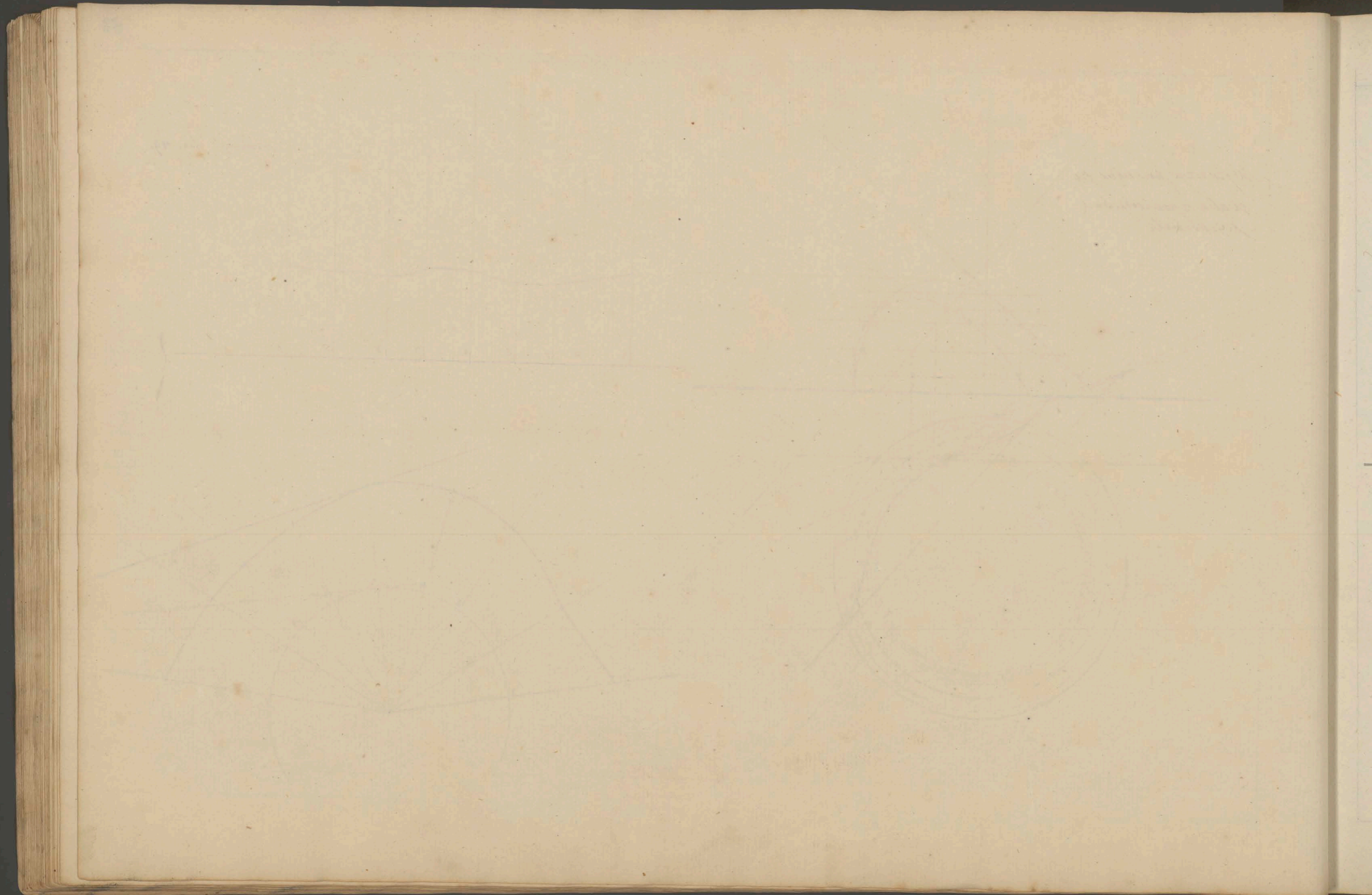


Wyznaczenie przecięcia
Walec z powierzchnią
Wielkociałem

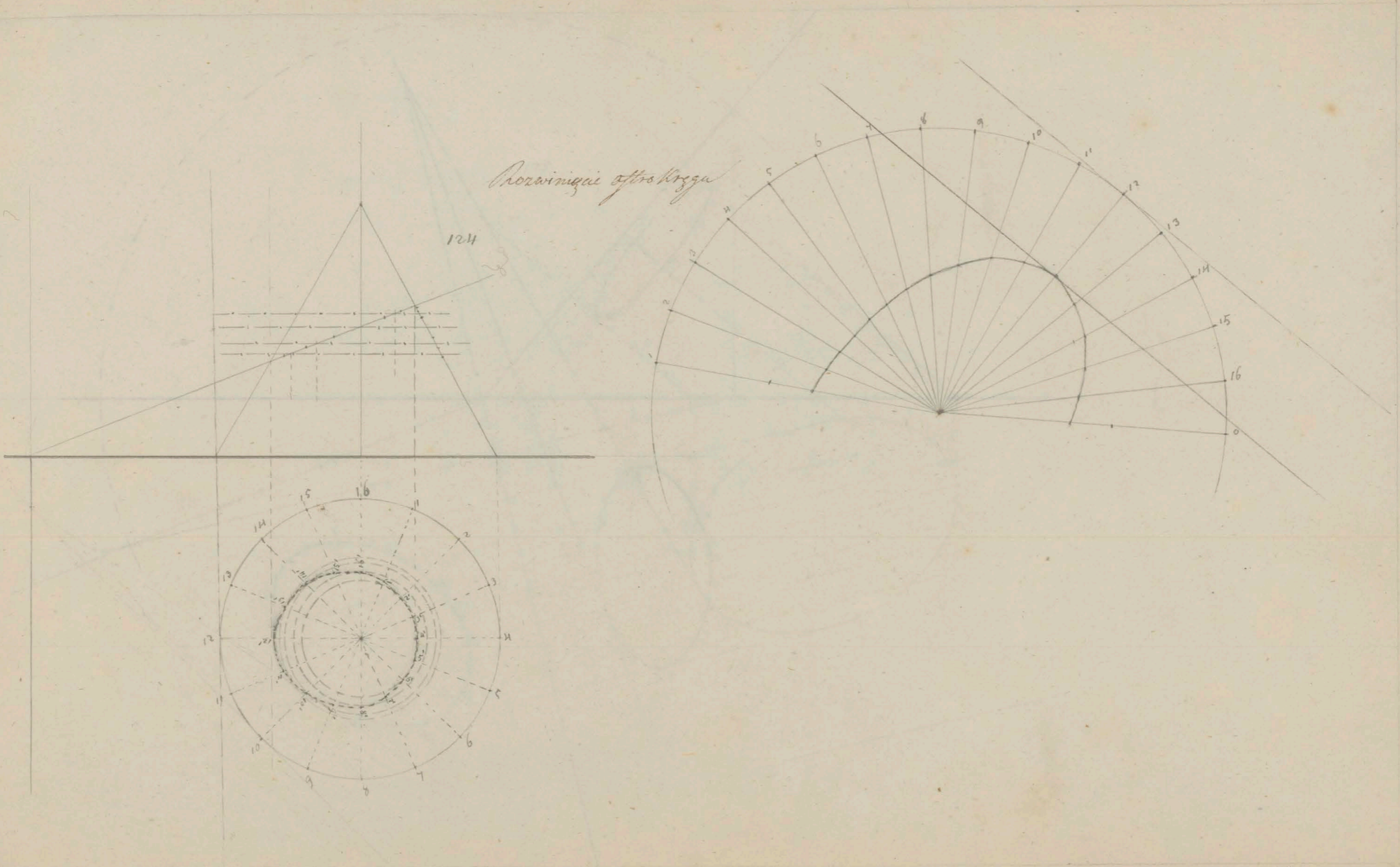
123.

rozwiniecie fig. 119.





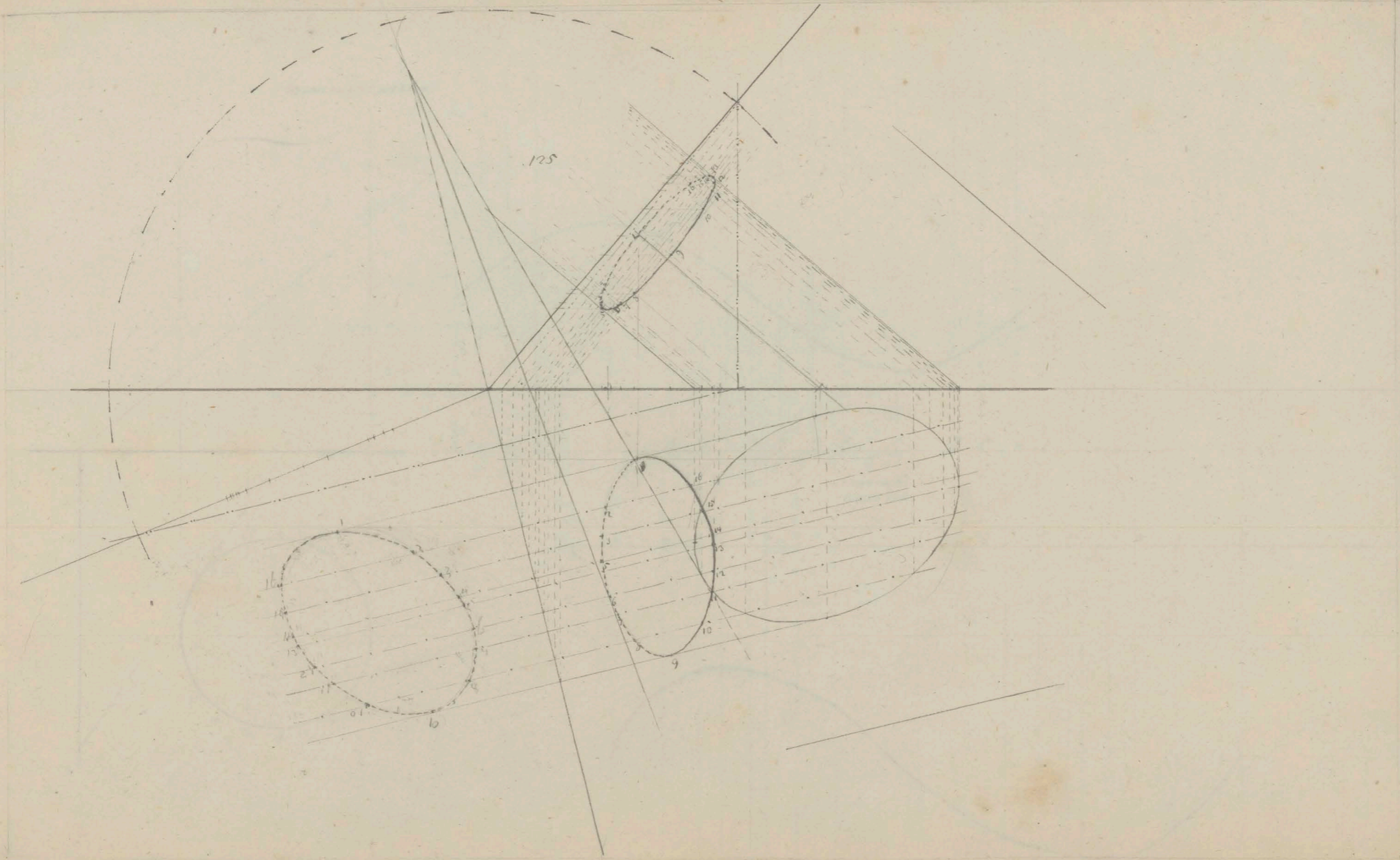
Chorwinigai of the Kozga

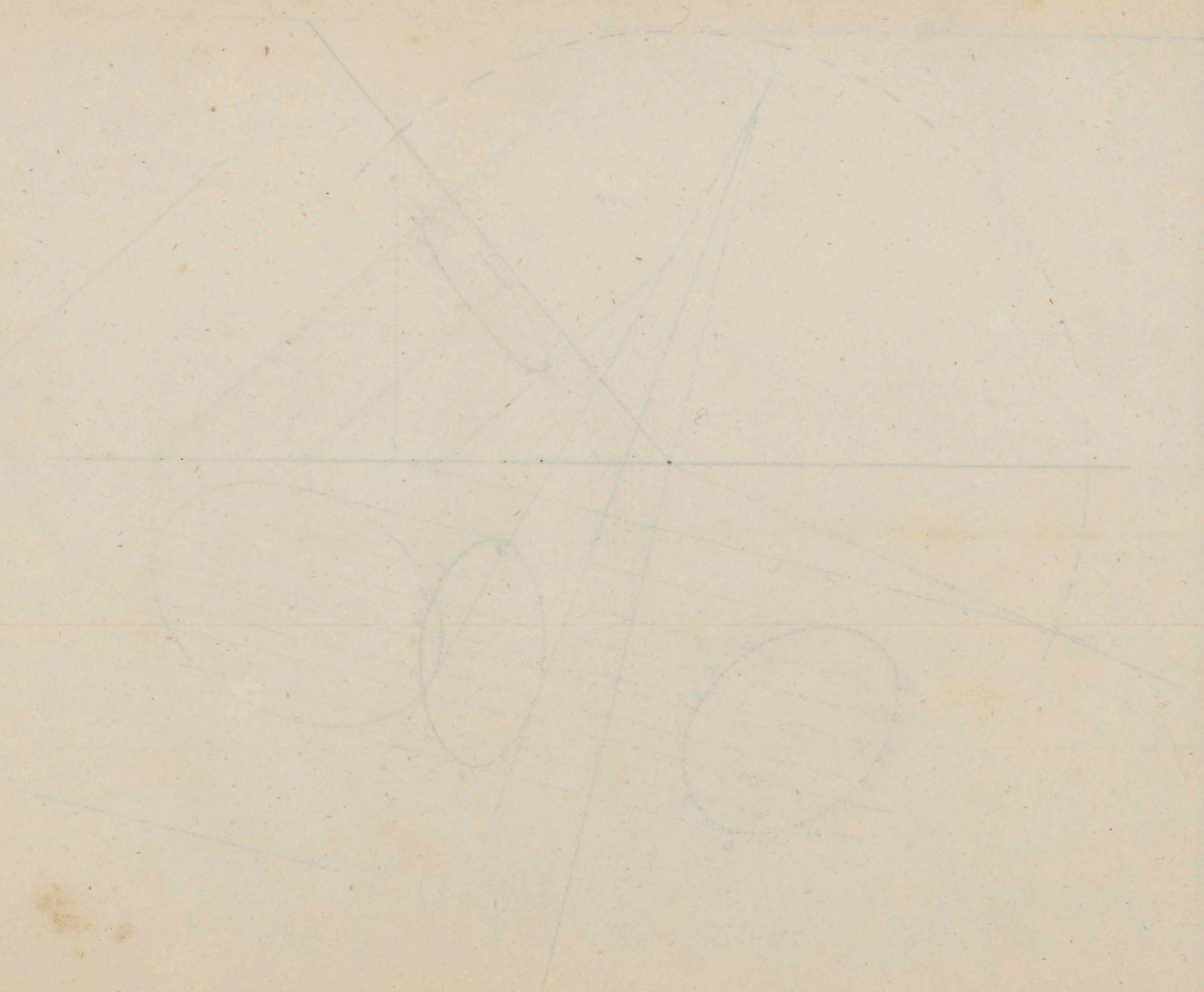




Faint, illegible handwritten text or a label.

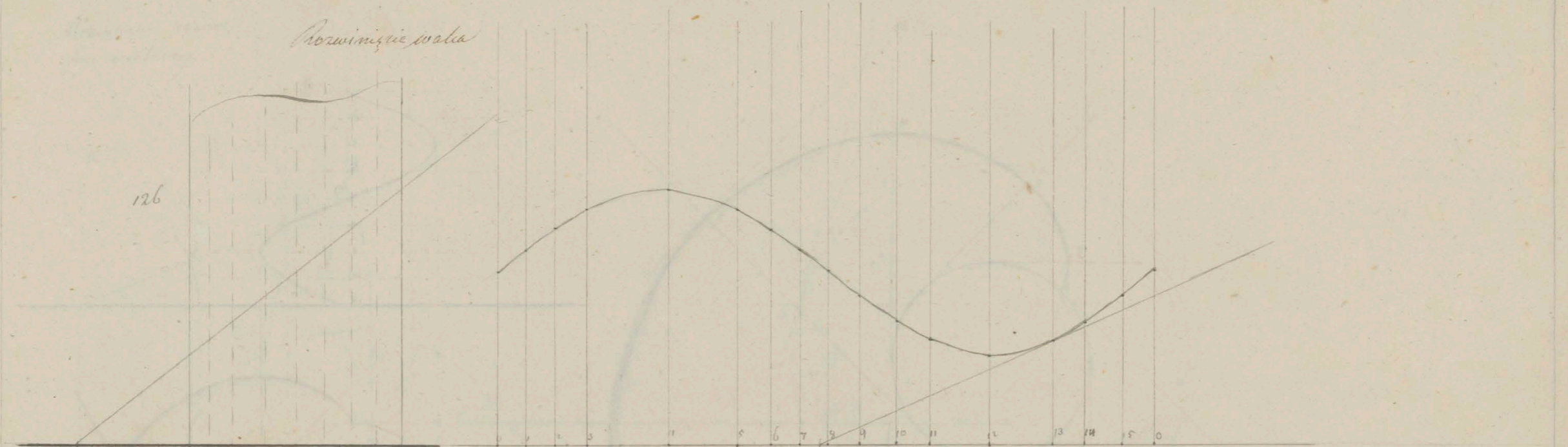




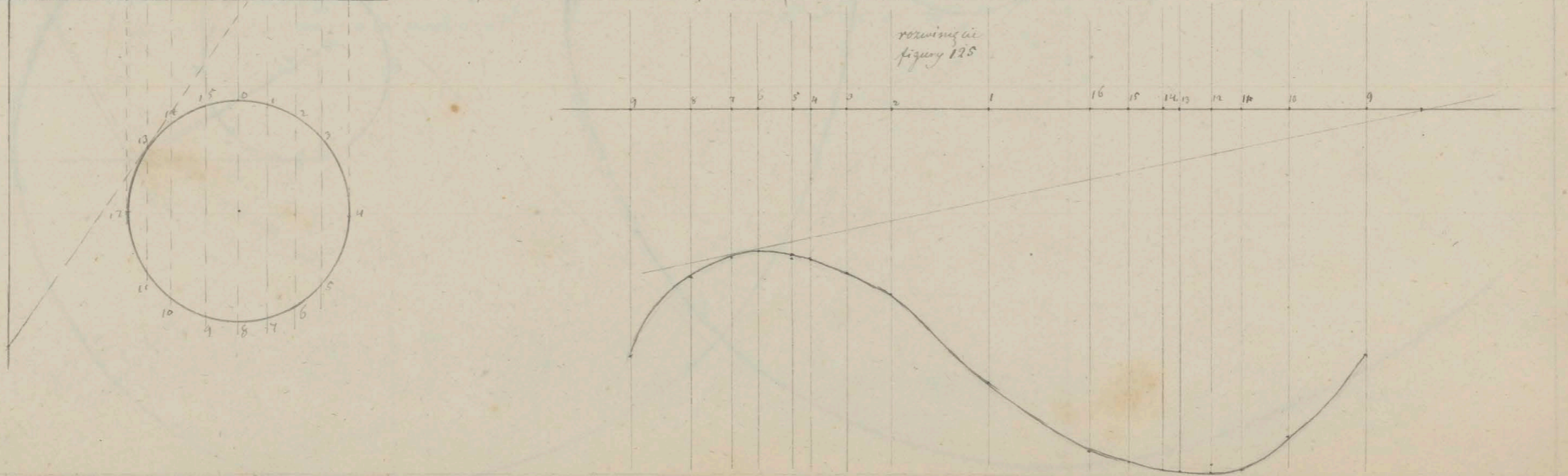


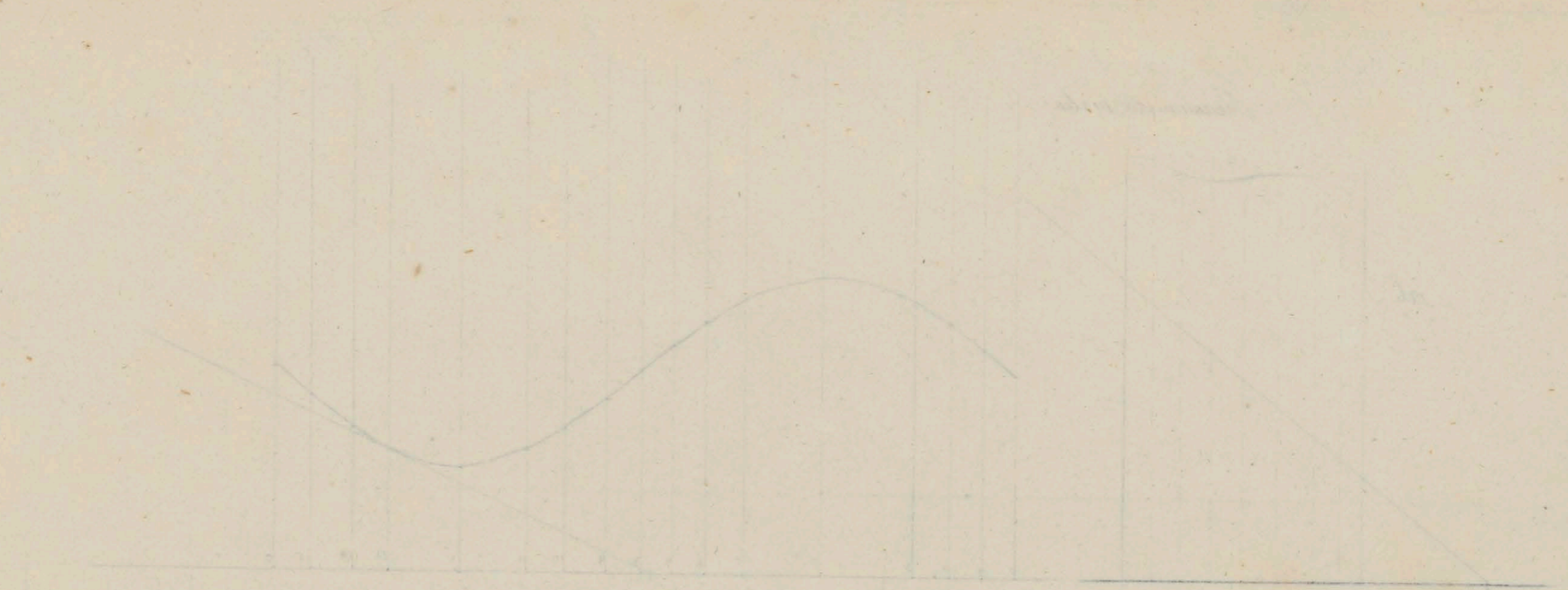
Porwinięcie wolta

126



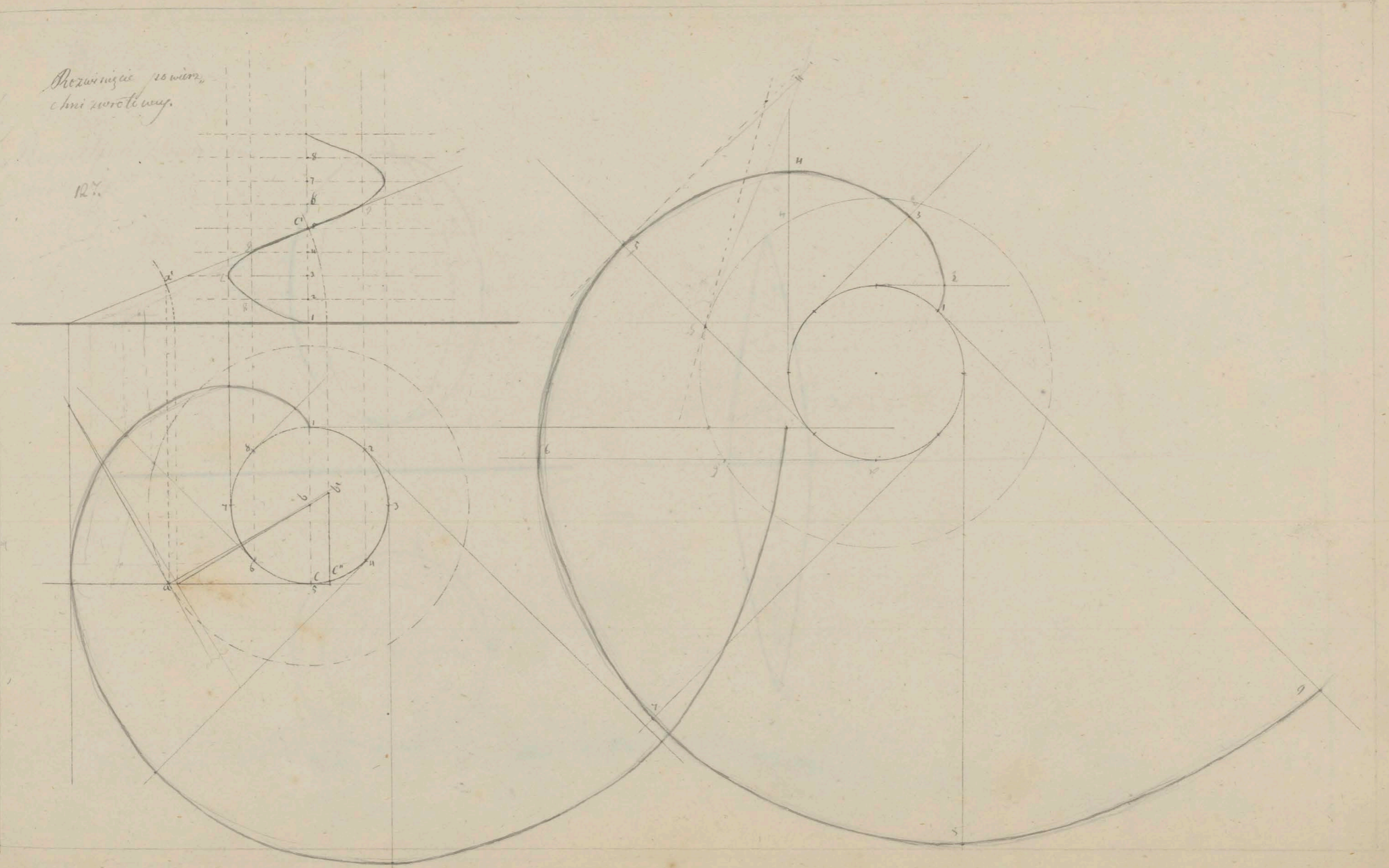
*porwinięcie
figury 125*

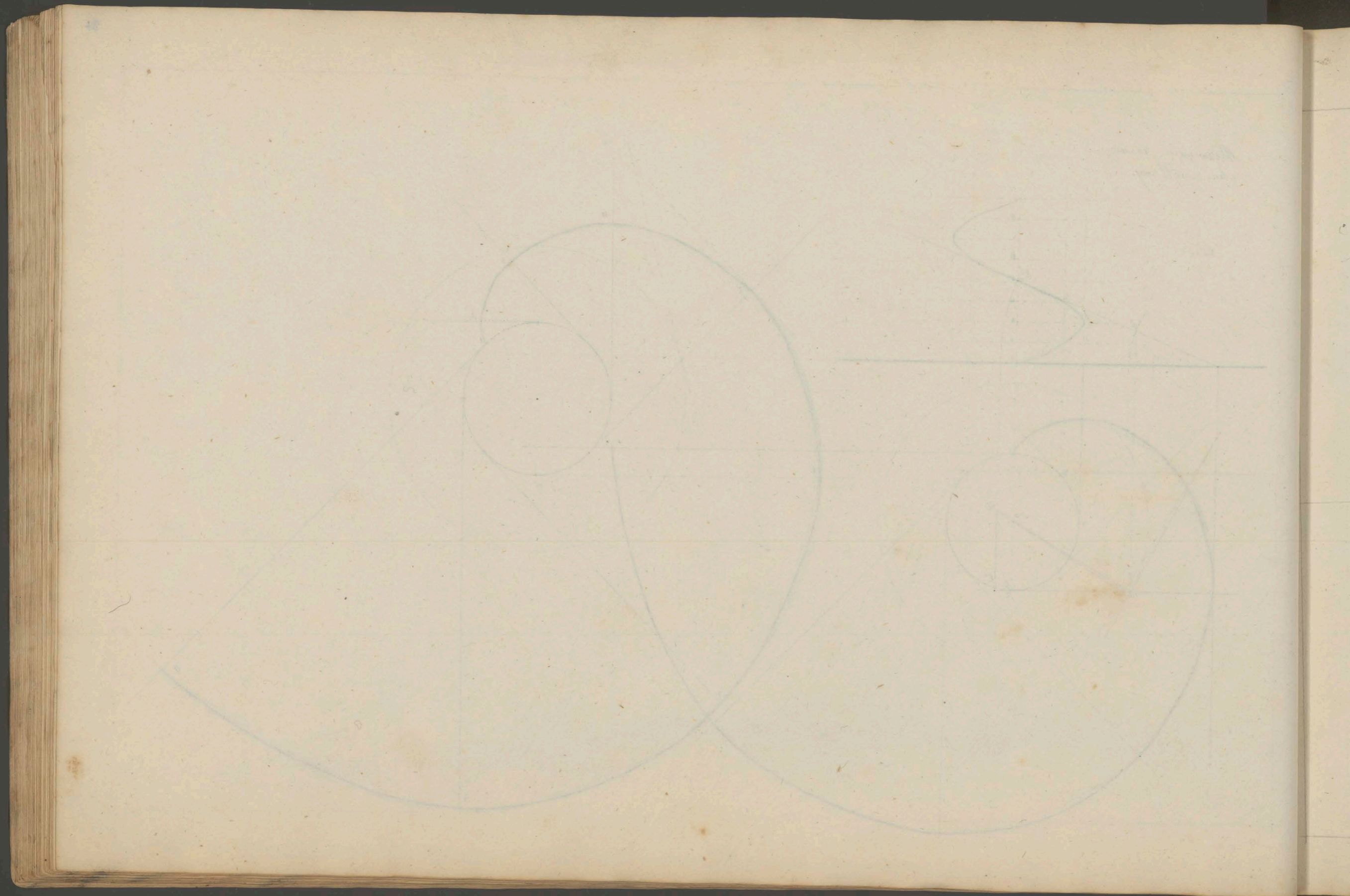




Przebieganie rown,
c hmi zwrotowy.

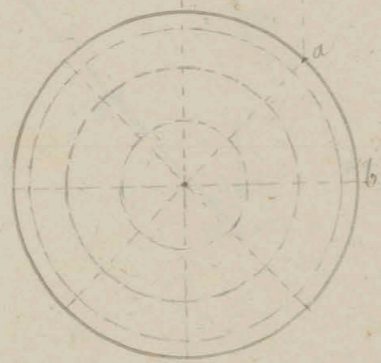
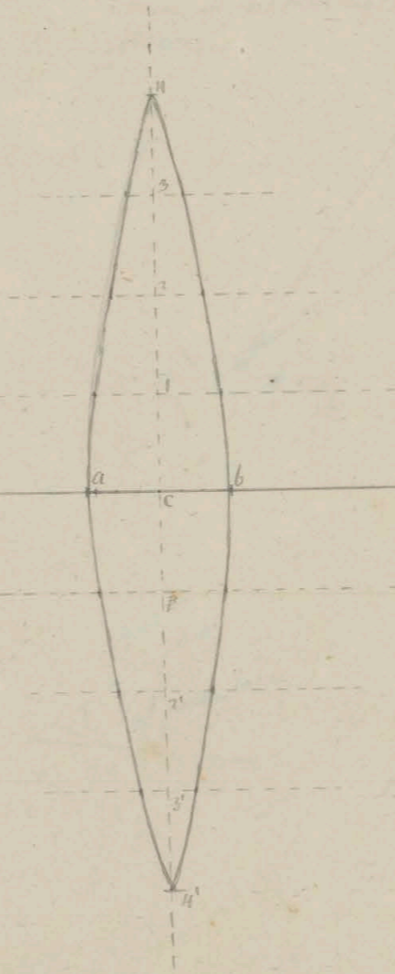
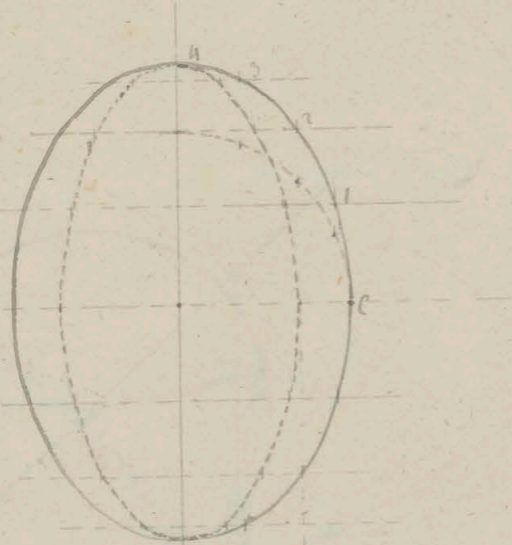
127.

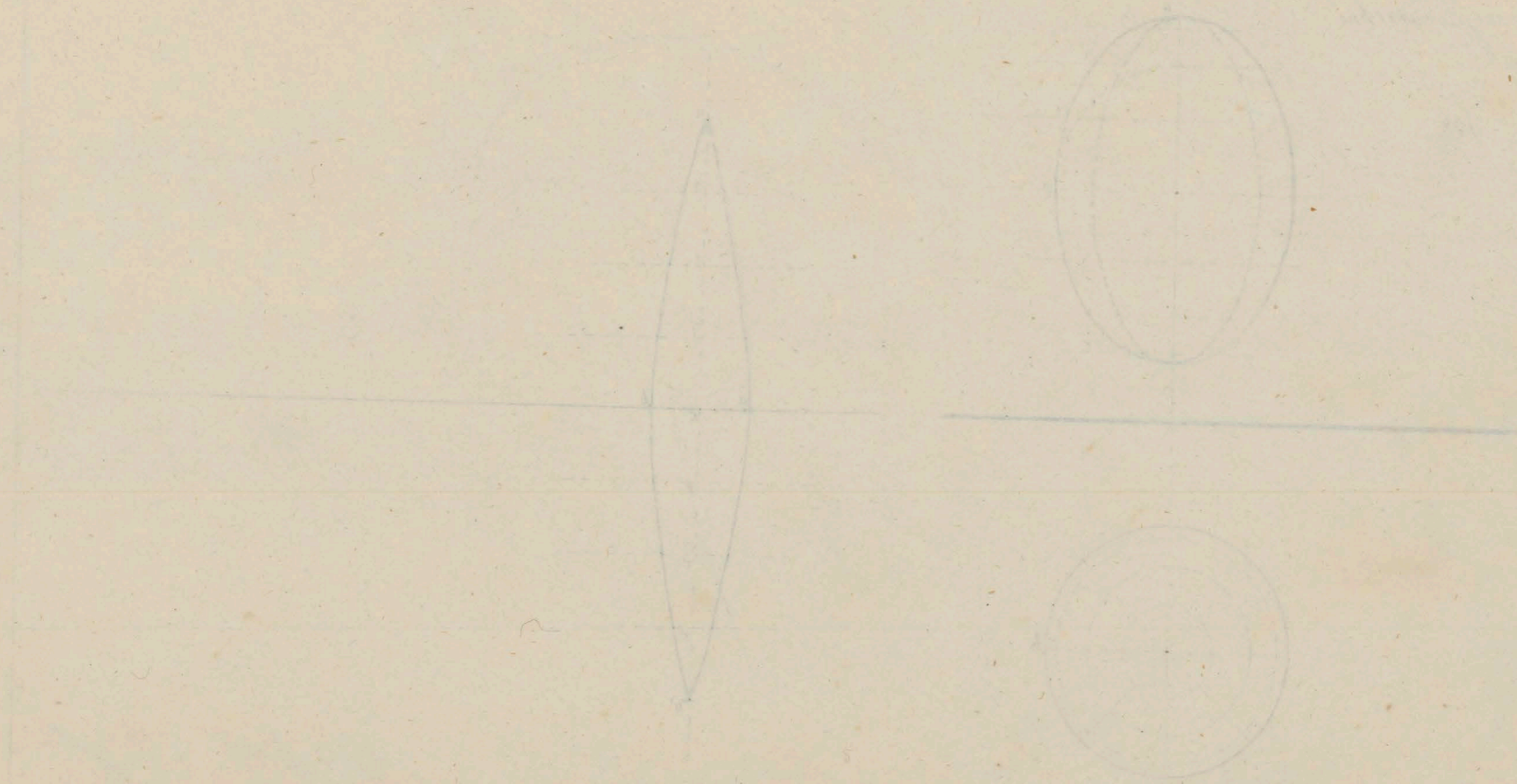




Розстановка / довірчих
обратень.

128.

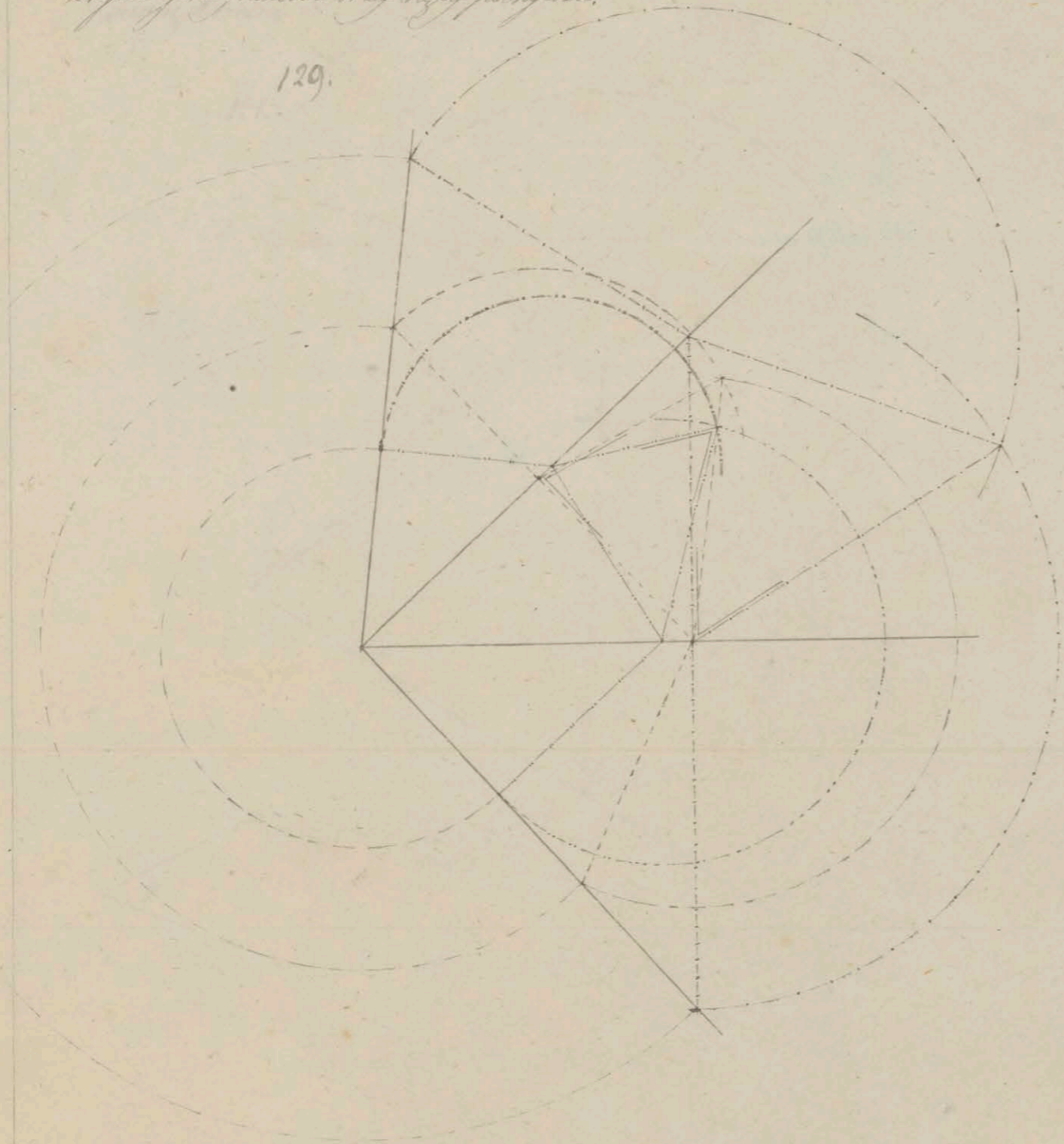




Zastoso wana.

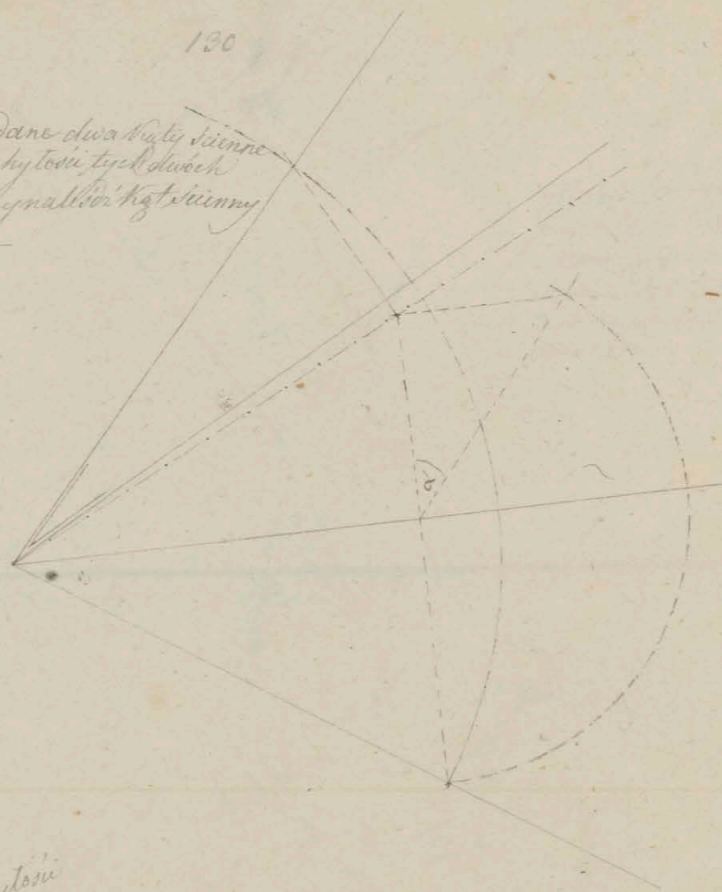
Maize dane trzy kąty ścienne trzy kąta
bryłowego, wykażesz trzy kąty pochyłości.

129.



130

Maize dane dwa kąty ścienne
i kąt pochyłości tych dwóch
ścian, wykażesz kąt ścienny
trzeci.



2) kąt pochyłości

1770

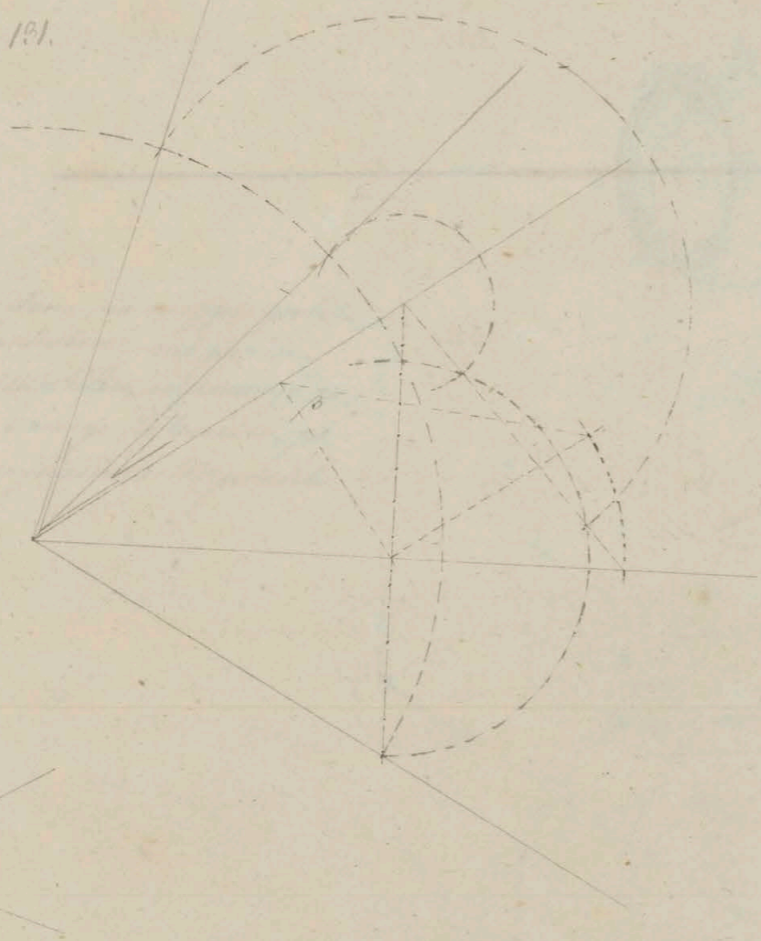
Handwritten notes in the top right corner, possibly including a date or page number.



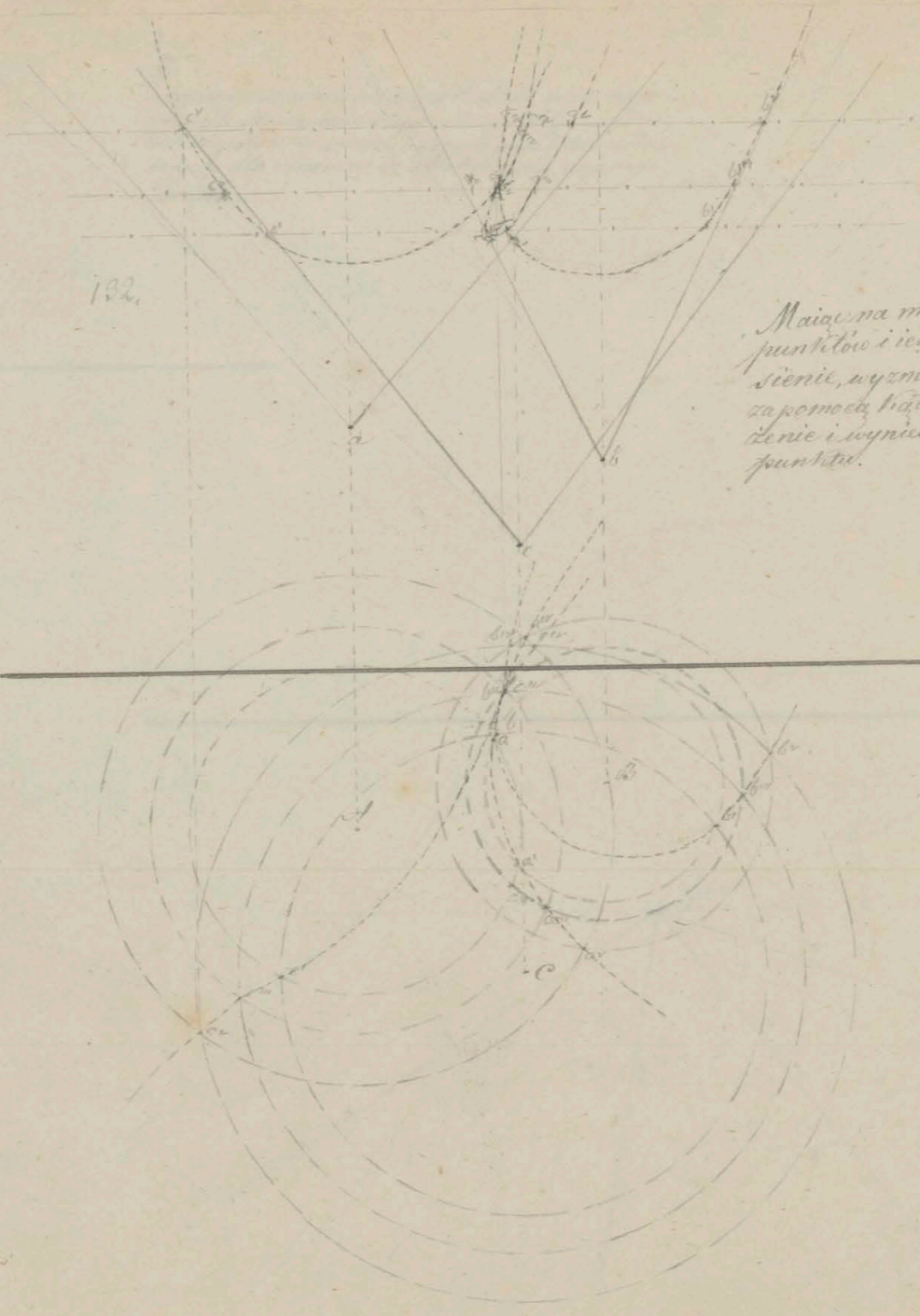
Kaslowana

Mając dane dwa kąty i jedno przeciwległe boki i tychże ścian, wyznaczyć ścianę trzecią.

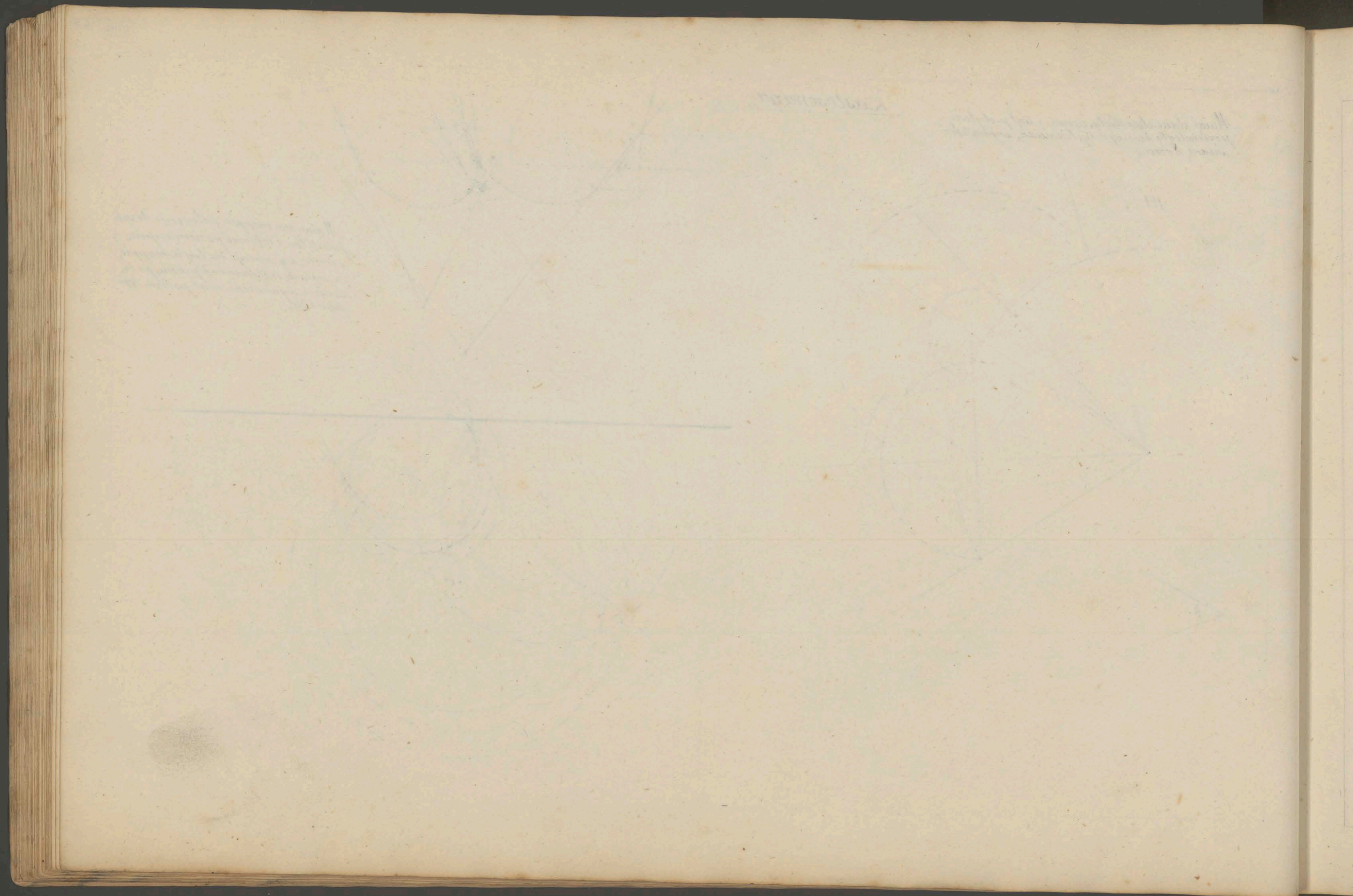
131.



132.



Mając na mapie położenie trzech punktów i ich nad poziom wypięsienie, wyznaczyć na tejże mapie, za pomocą kątomiaru i pionu, położenie i wypięsienie nad poziom 17go punktu.

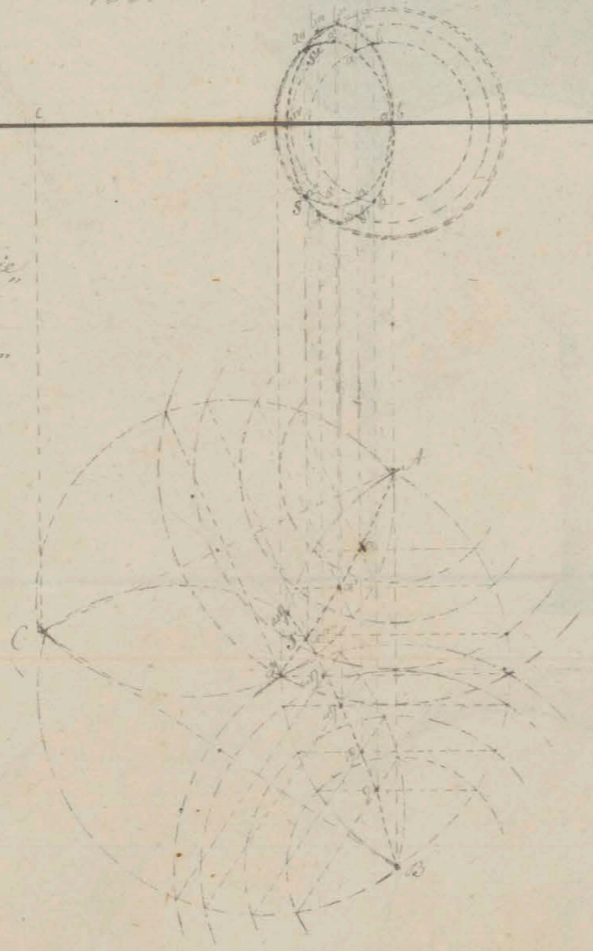


Kaslowana

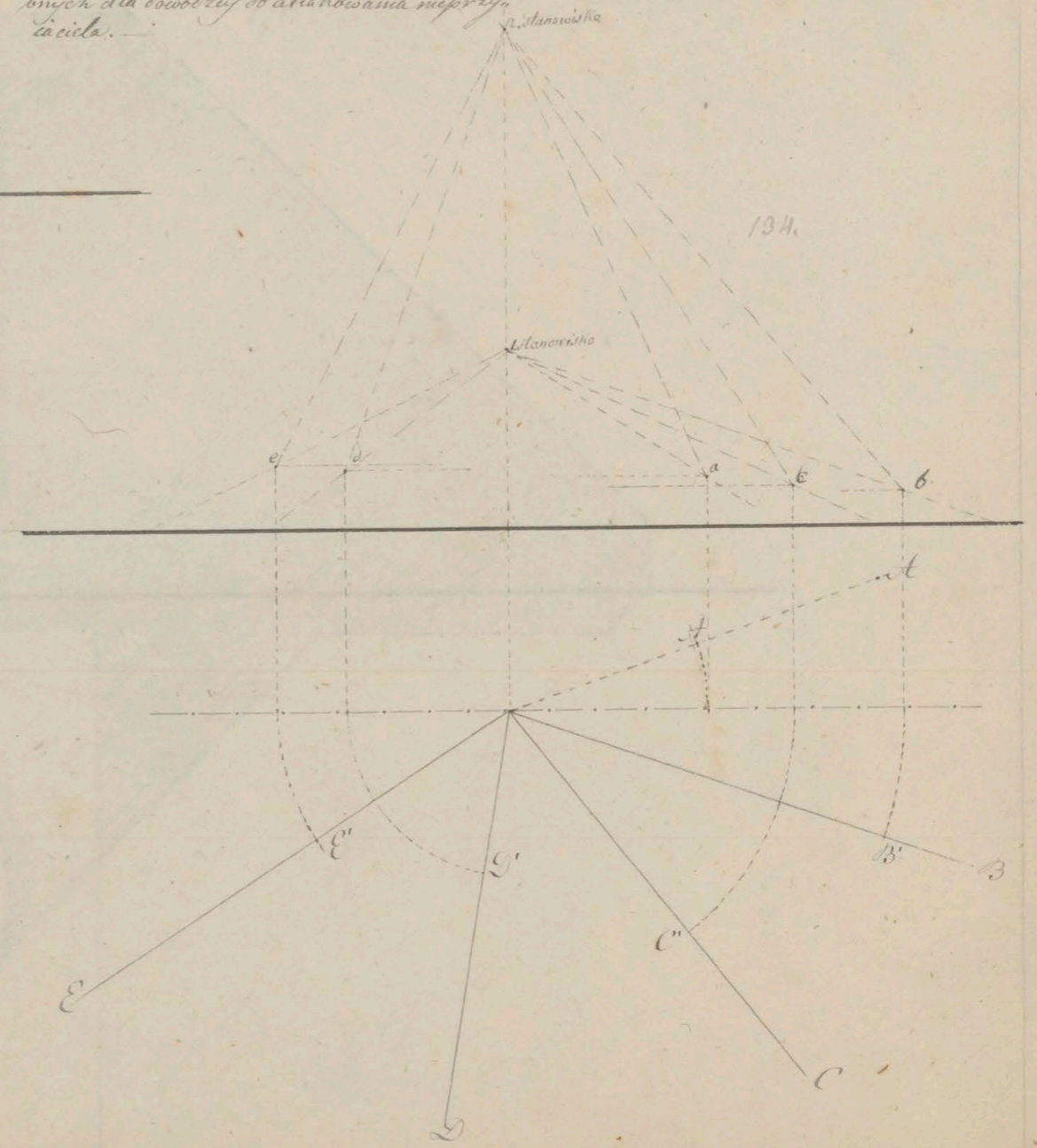
Zapomocą wzniesienia się w Kalonie wyznaczyć
również stanowiska nieprzyjacielskiego wojska,
ludziei położenie znaczących punktów potrze-
bnych dla dowodcy do atakowania nieprzy-
jaciela.

133.

Mając dane na mapie położe-
nie i wzniesienie nad poziomem
trzech punktów, wyznaczyć za-
pomocą samego kątomiarza po-
łożenie i wzniesienie 4^{ty} punktu.



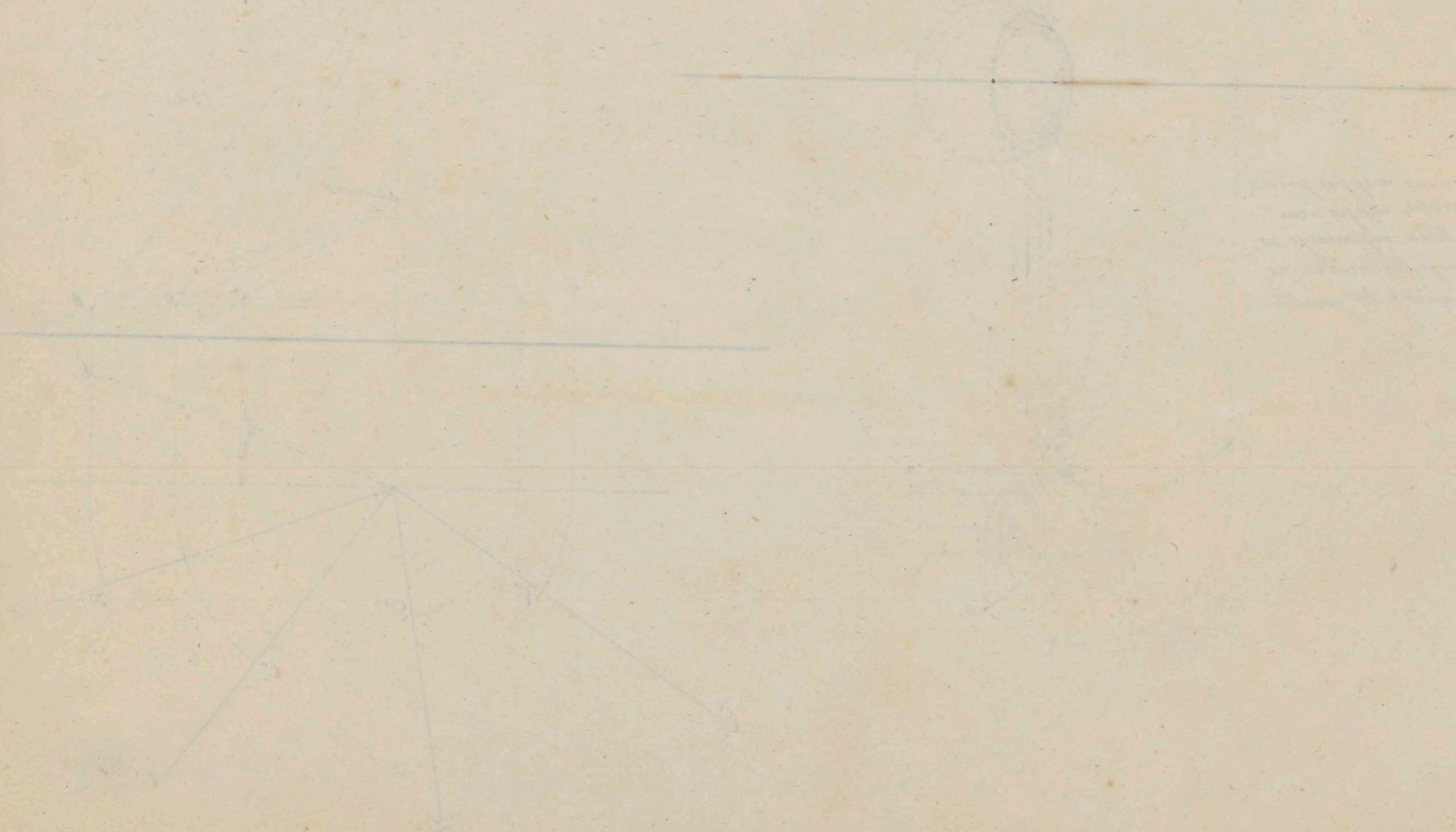
134.



Faint handwritten text, possibly bleed-through from the reverse side of the page.

Faint handwritten text, possibly bleed-through from the reverse side of the page.

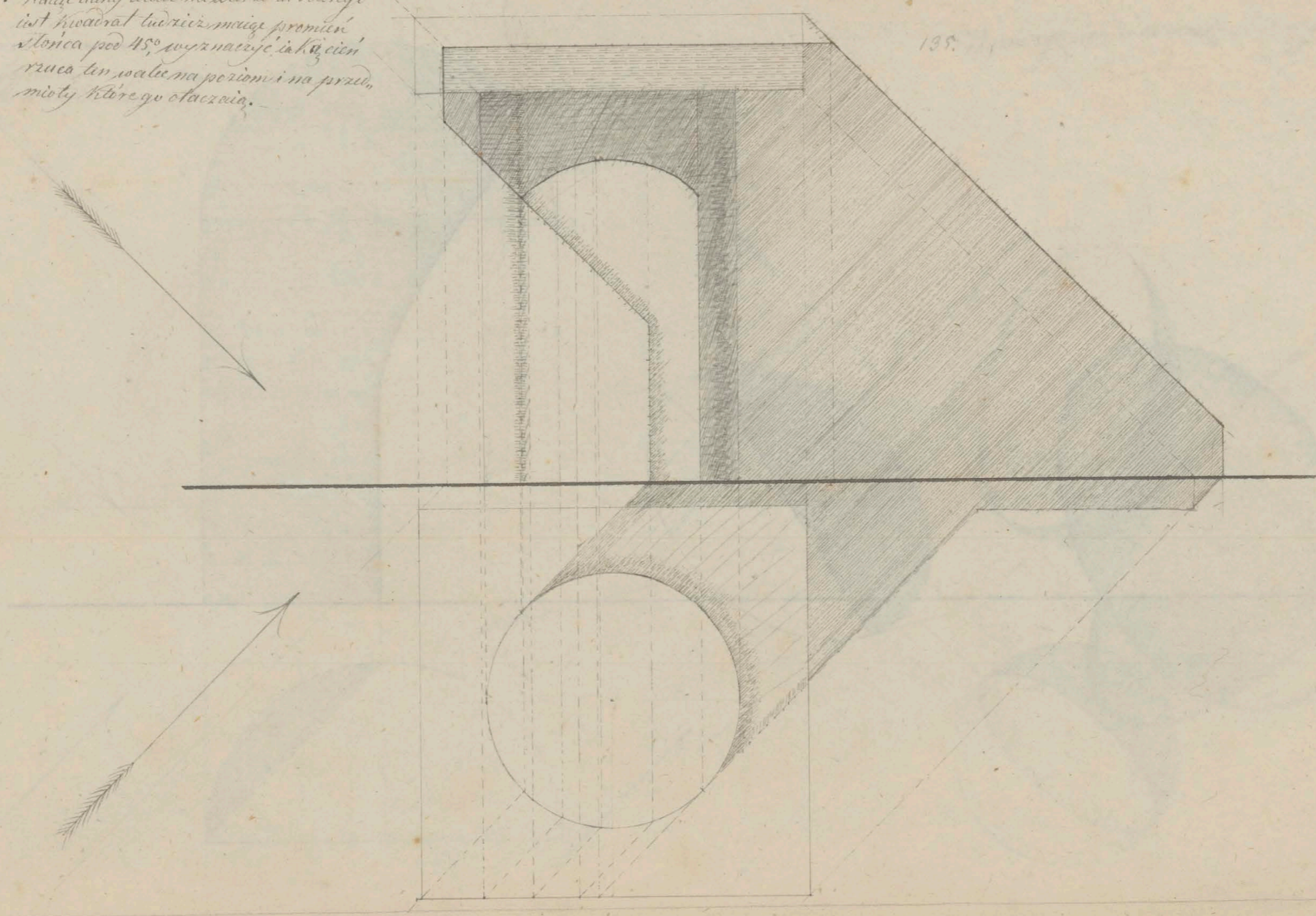
Faint handwritten text, possibly bleed-through from the reverse side of the page.



Zastosewanie 9

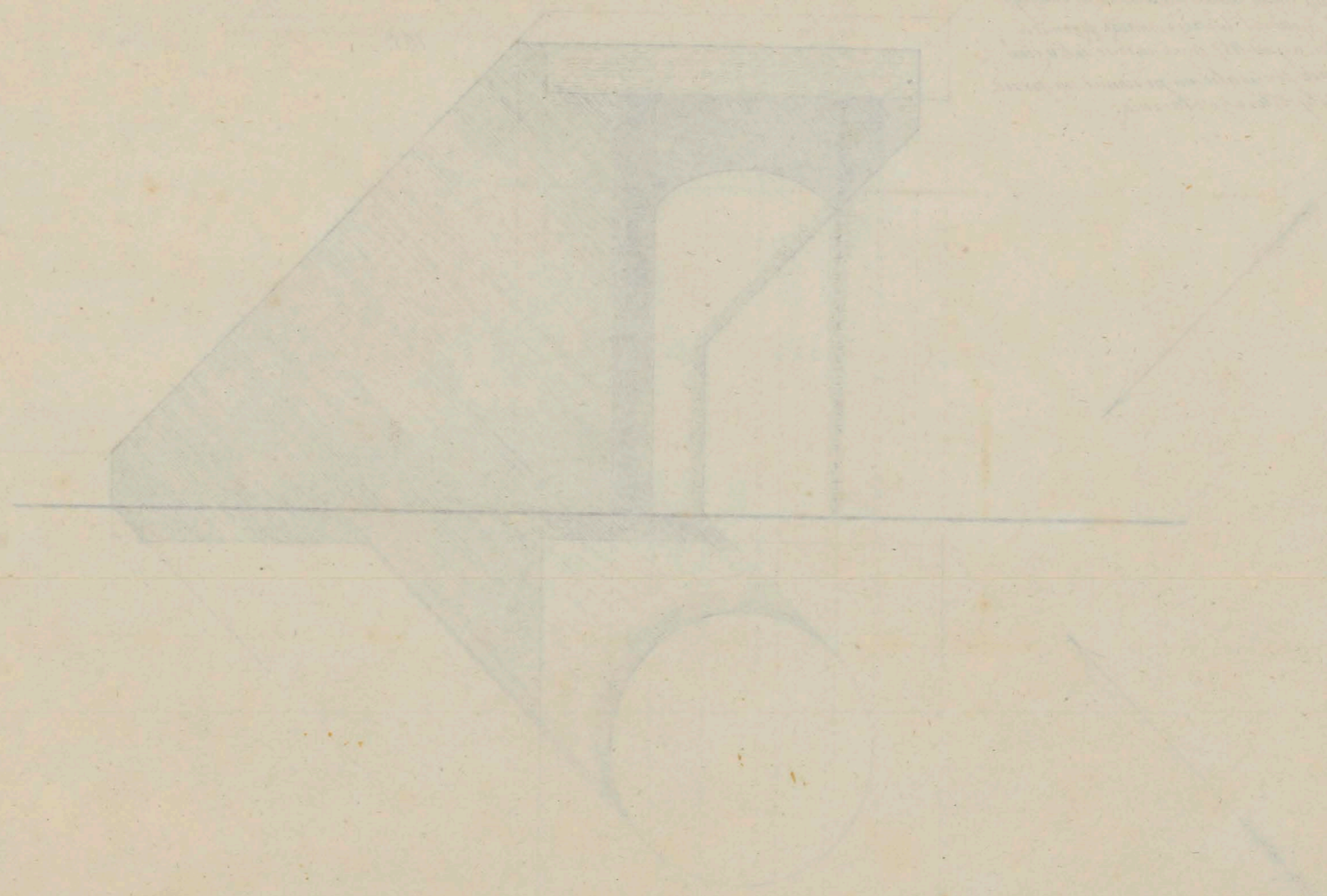
Maiać dany walec na wierzchu którego
iast kwadrat tudzież maiać promień
słońca pod 45°, wyznaczyć i kę cieni
rzuci ten walec na poziom i na przew.
mioty którego otacza.

135.



Alphabets

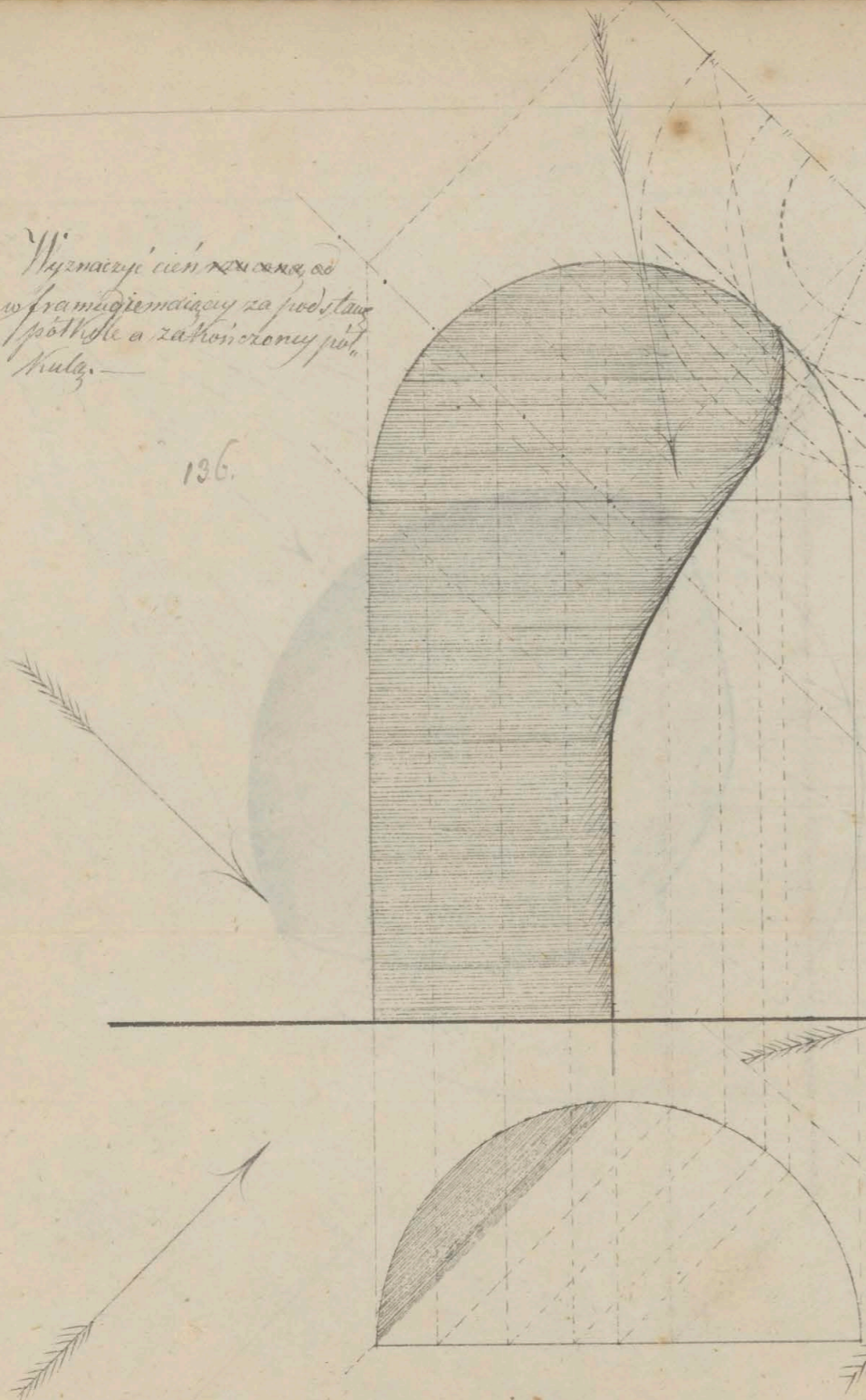
Handwritten notes in a cursive script, likely describing the construction or use of the letter 'A'.



Zastosowania

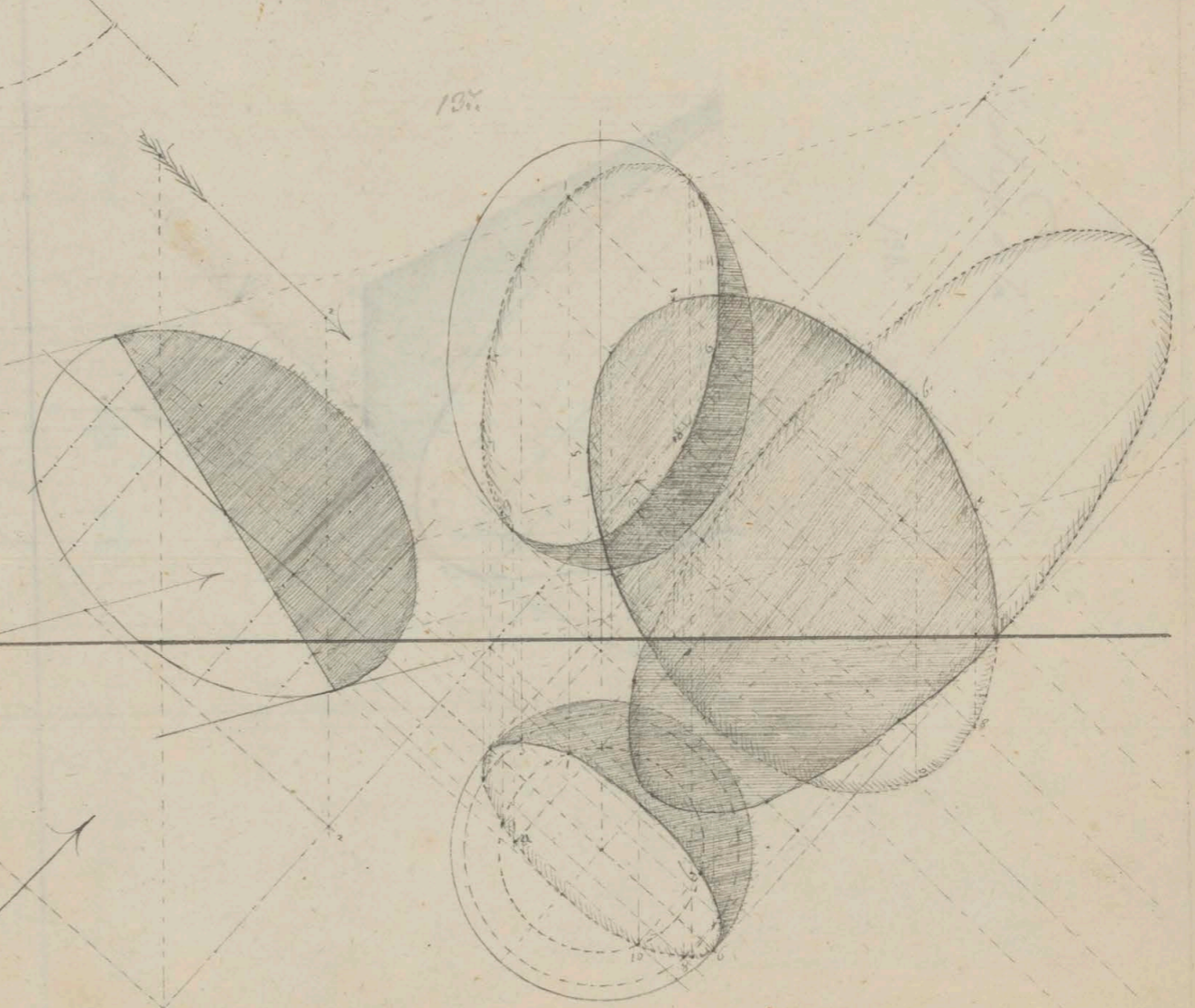
Wyznaczyć cień rzutu od
wpramionowanej za podstawę
półkuli a zakłócony półk.
Kula.

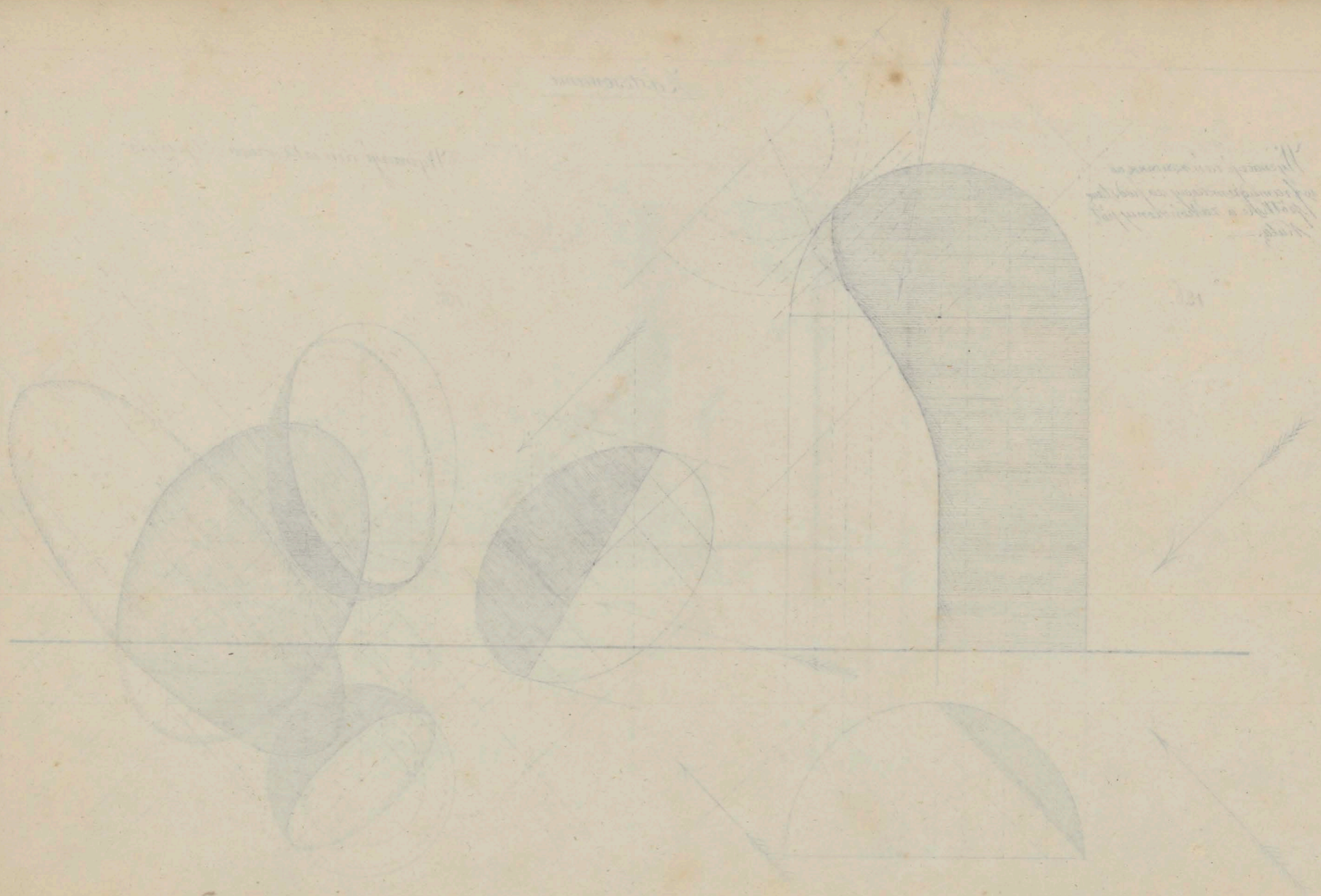
136.



Wyznaczyć cień iaki rzuca Elipsoidal

137.

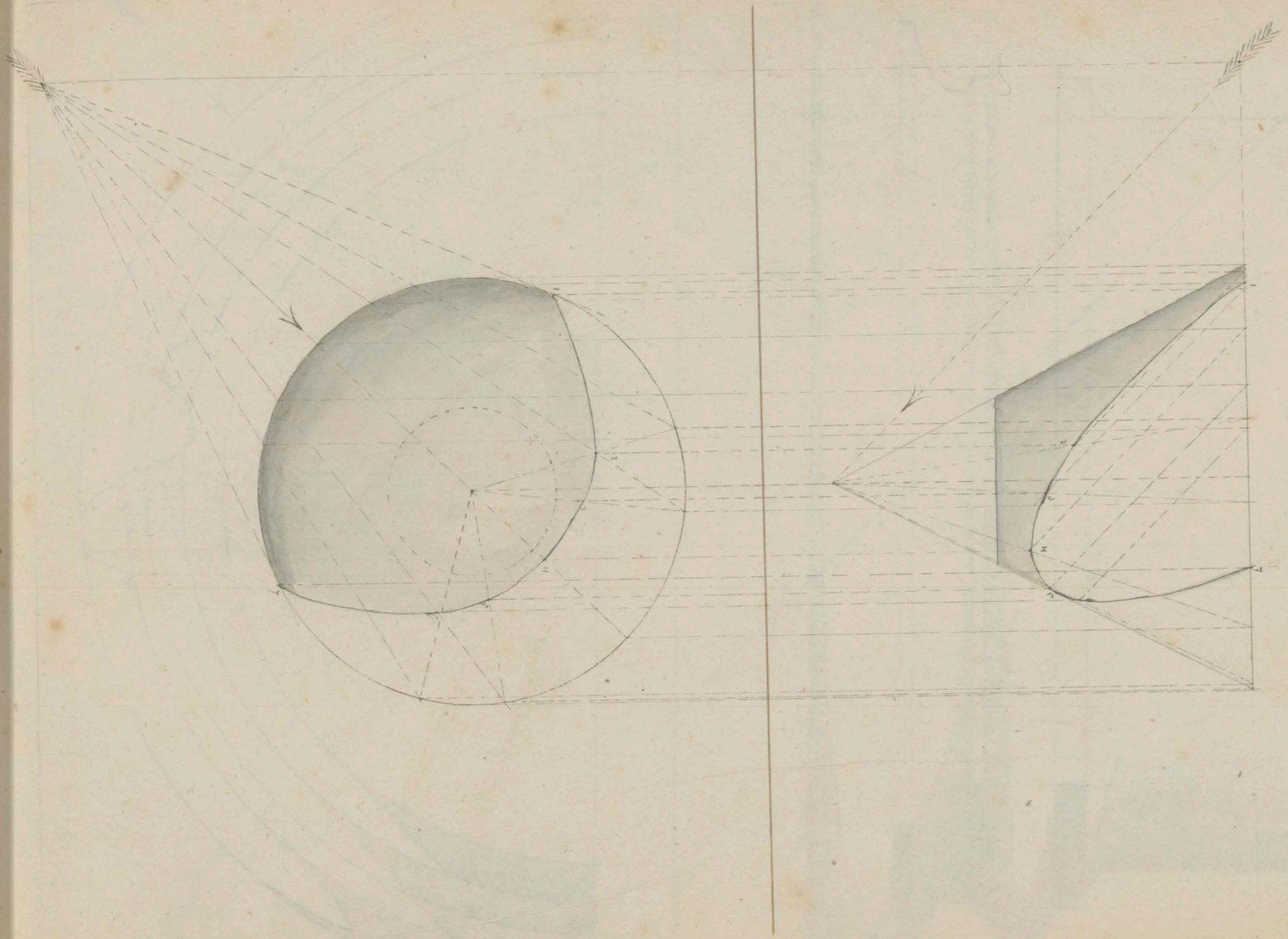




Faint handwritten text, possibly describing the drawing or providing instructions.

Faint handwritten text, possibly describing the drawing or providing instructions.

Faint handwritten text, possibly describing the drawing or providing instructions.

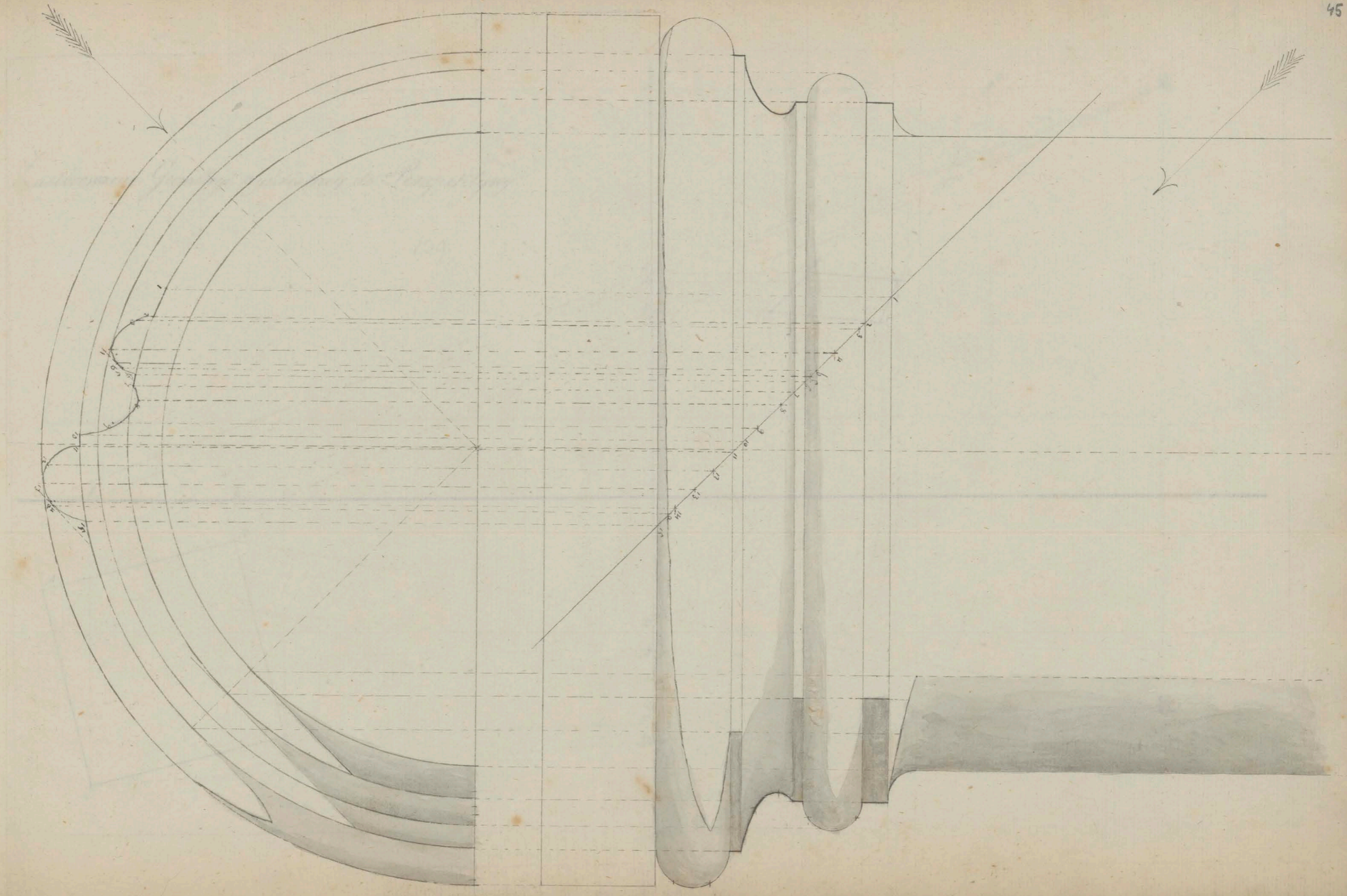


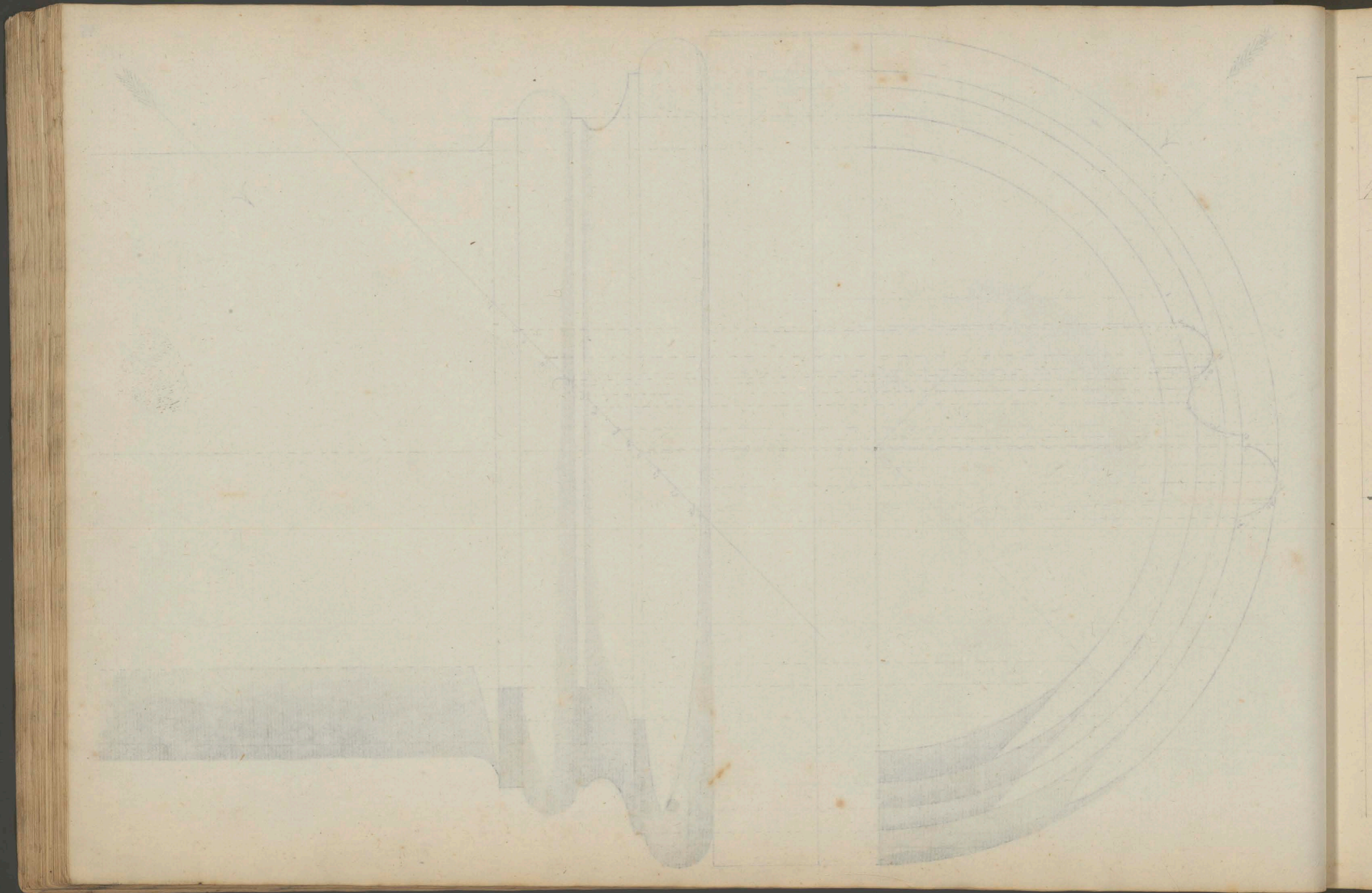
Wynnege' ein' m'it'age' d'ca

138.

Handwritten text, possibly a title or description, written vertically in cursive.

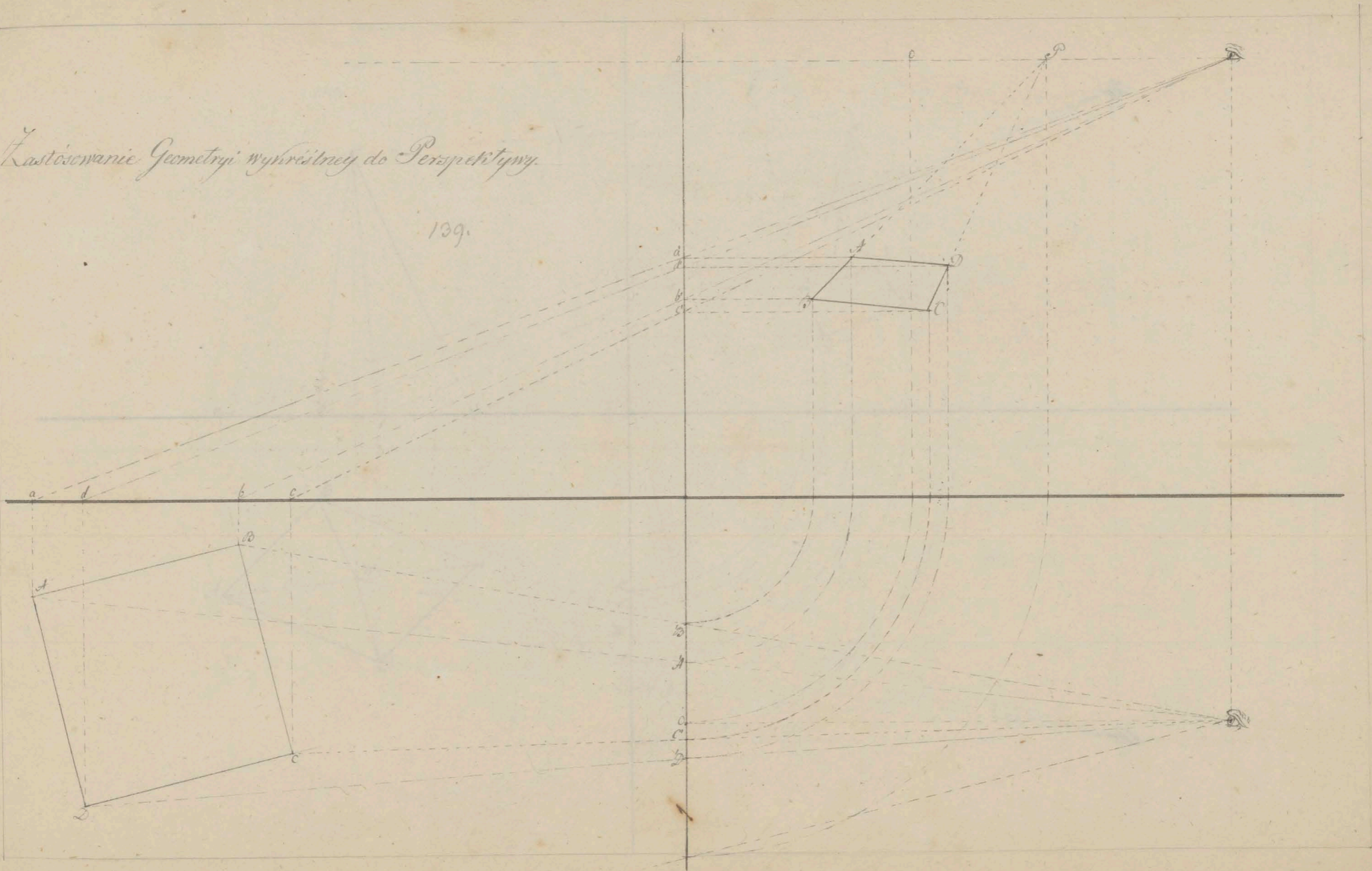






Użytkowanie Geometrii wykreślnej do Perspektywy.

139.

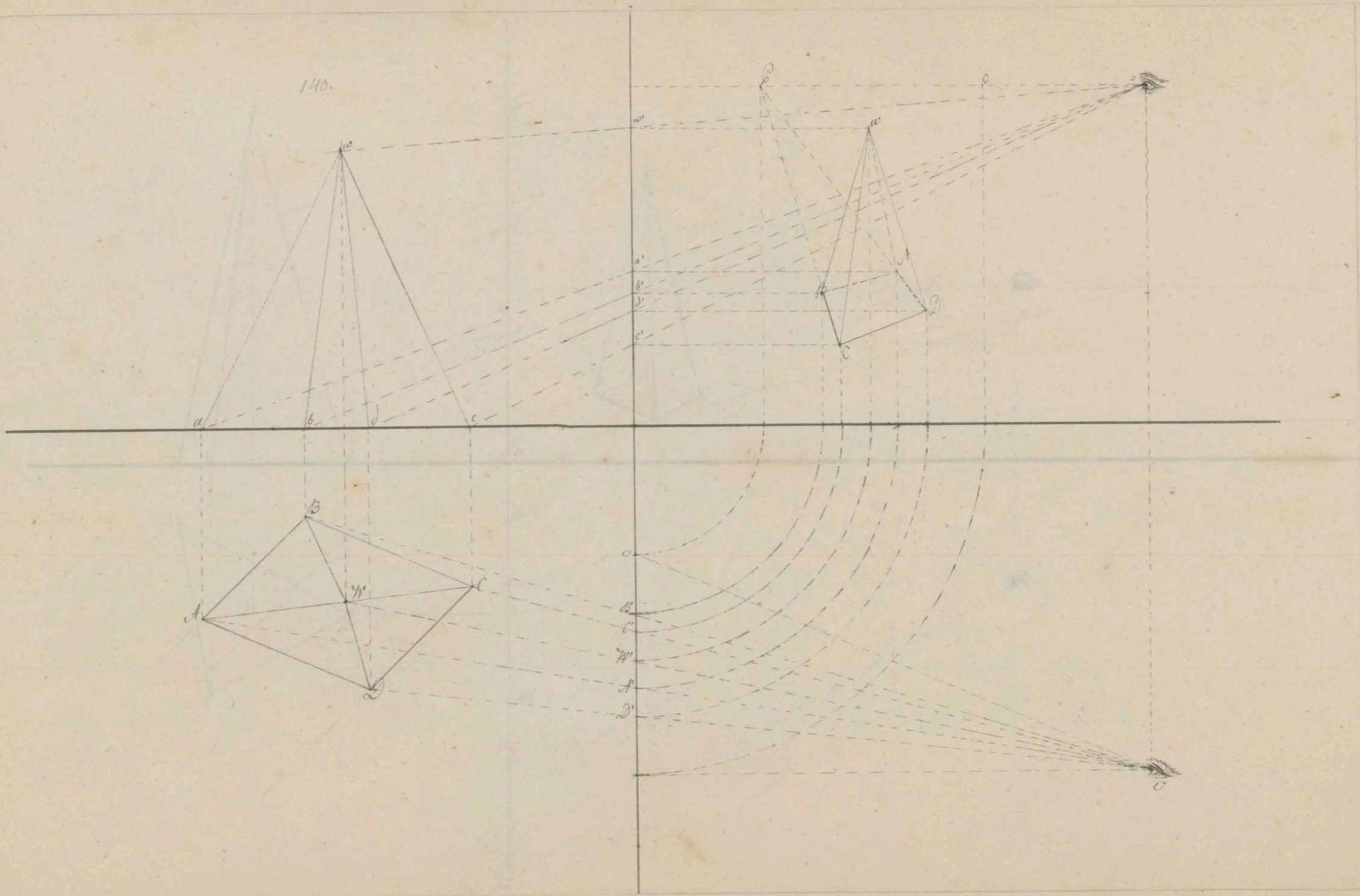


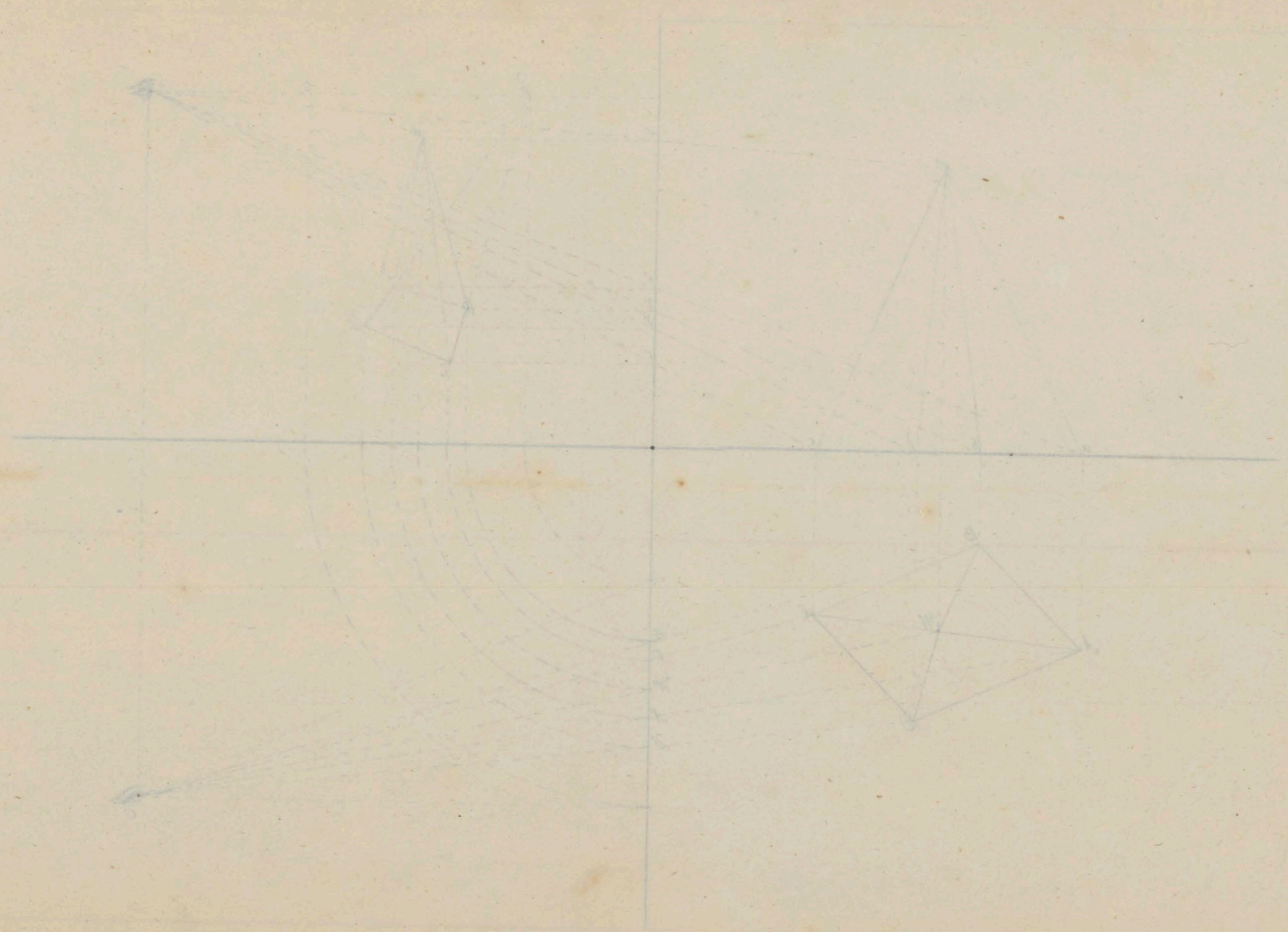
Handwritten text, possibly a title or header, written in cursive script.

199

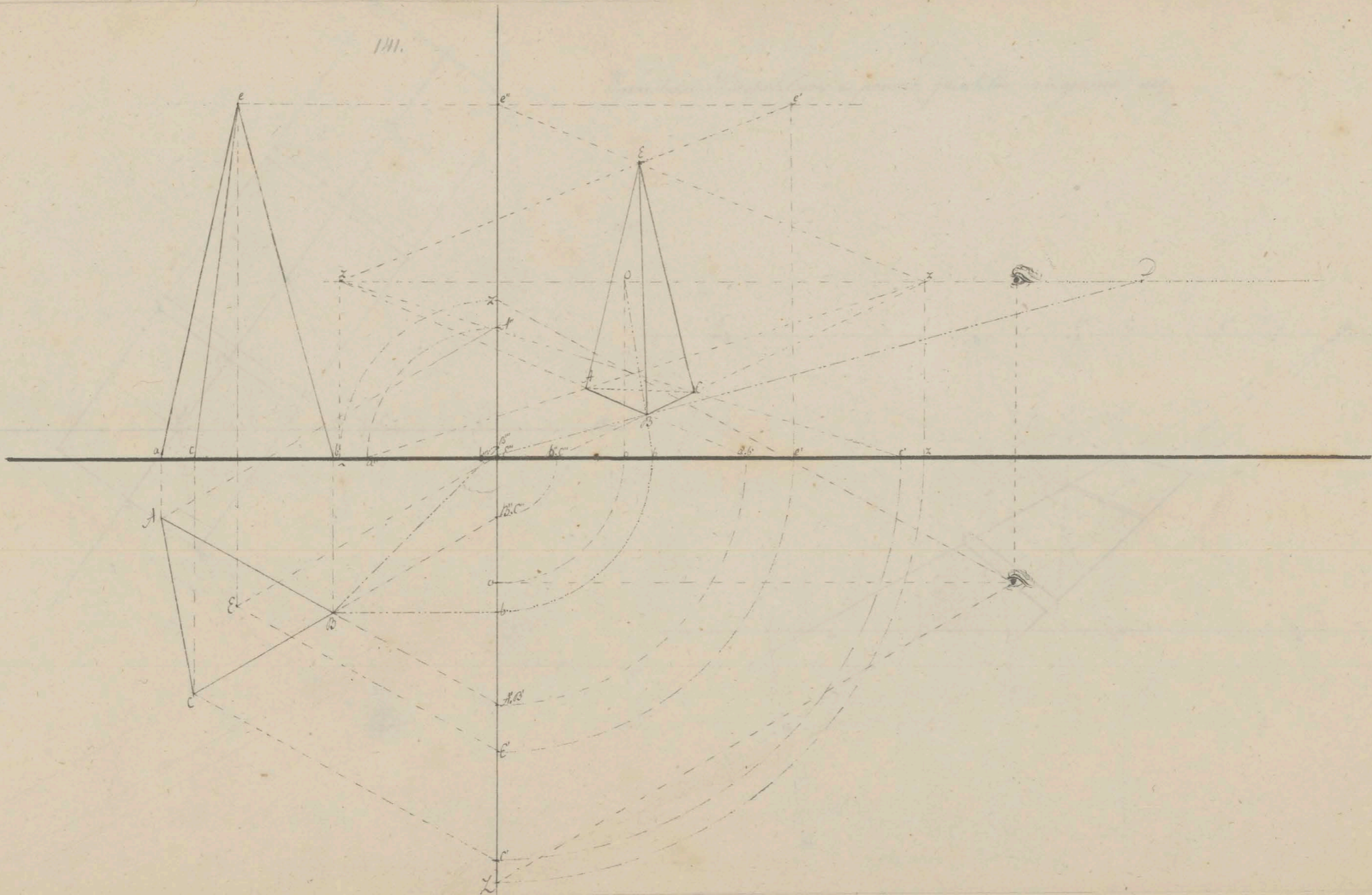


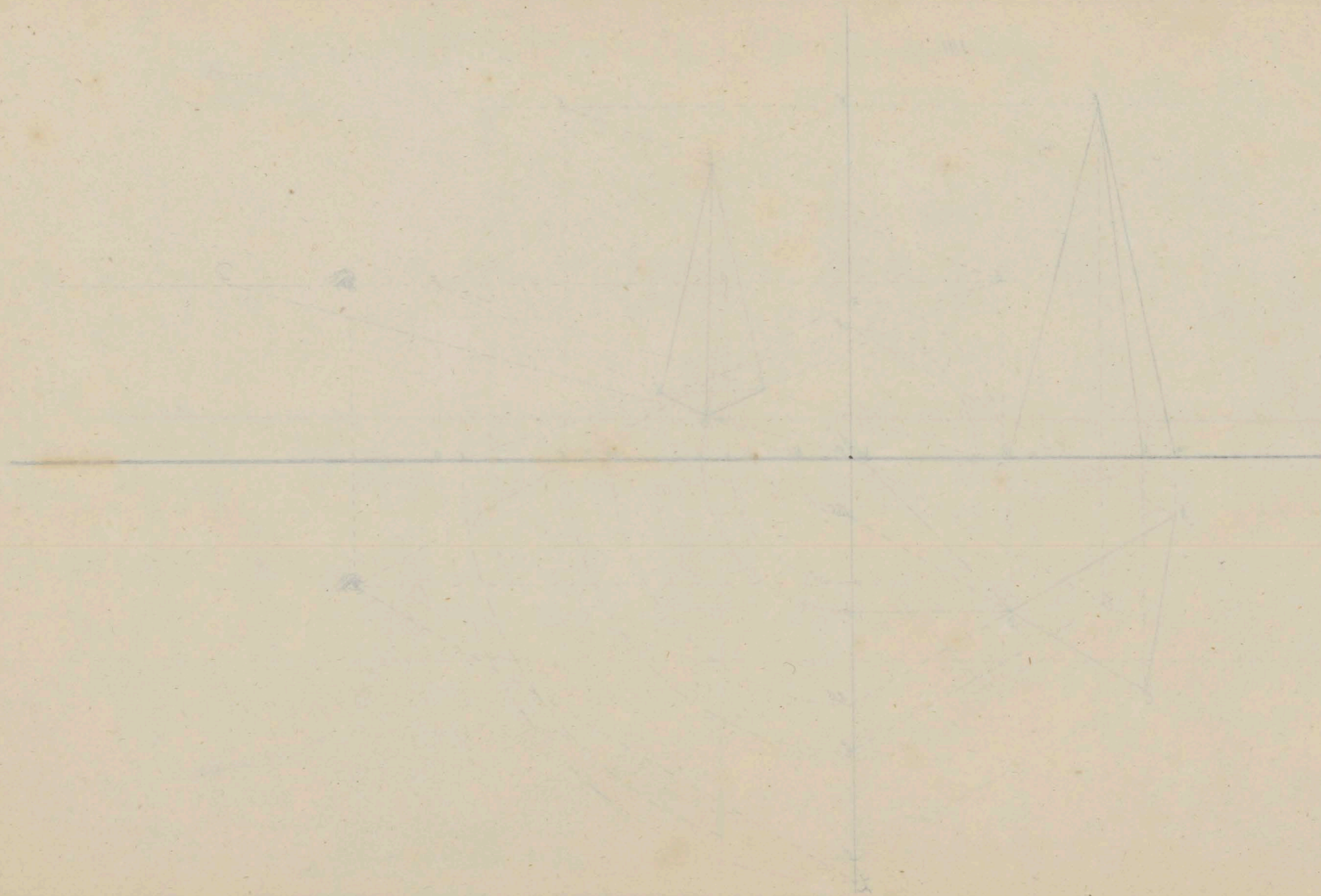
140.





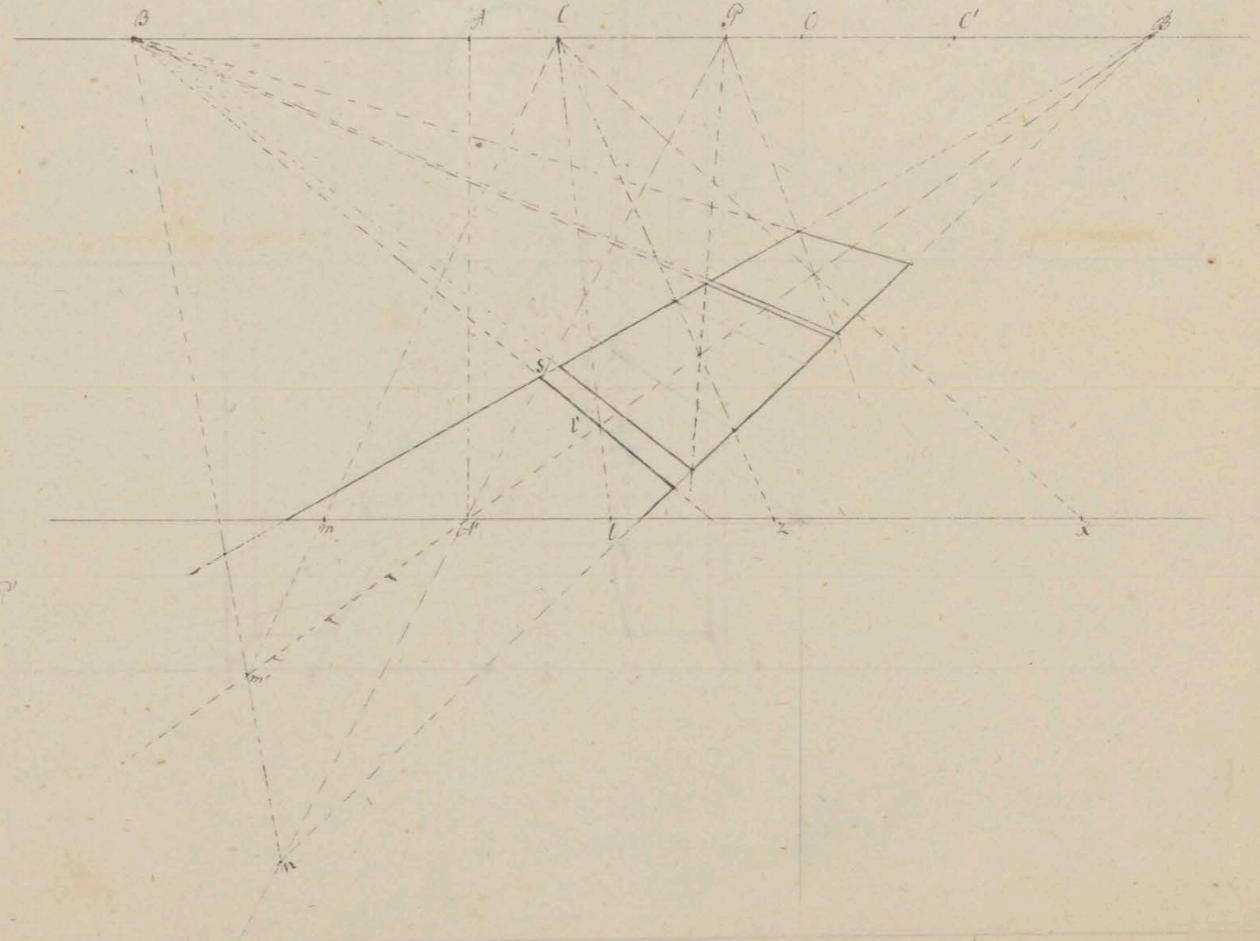
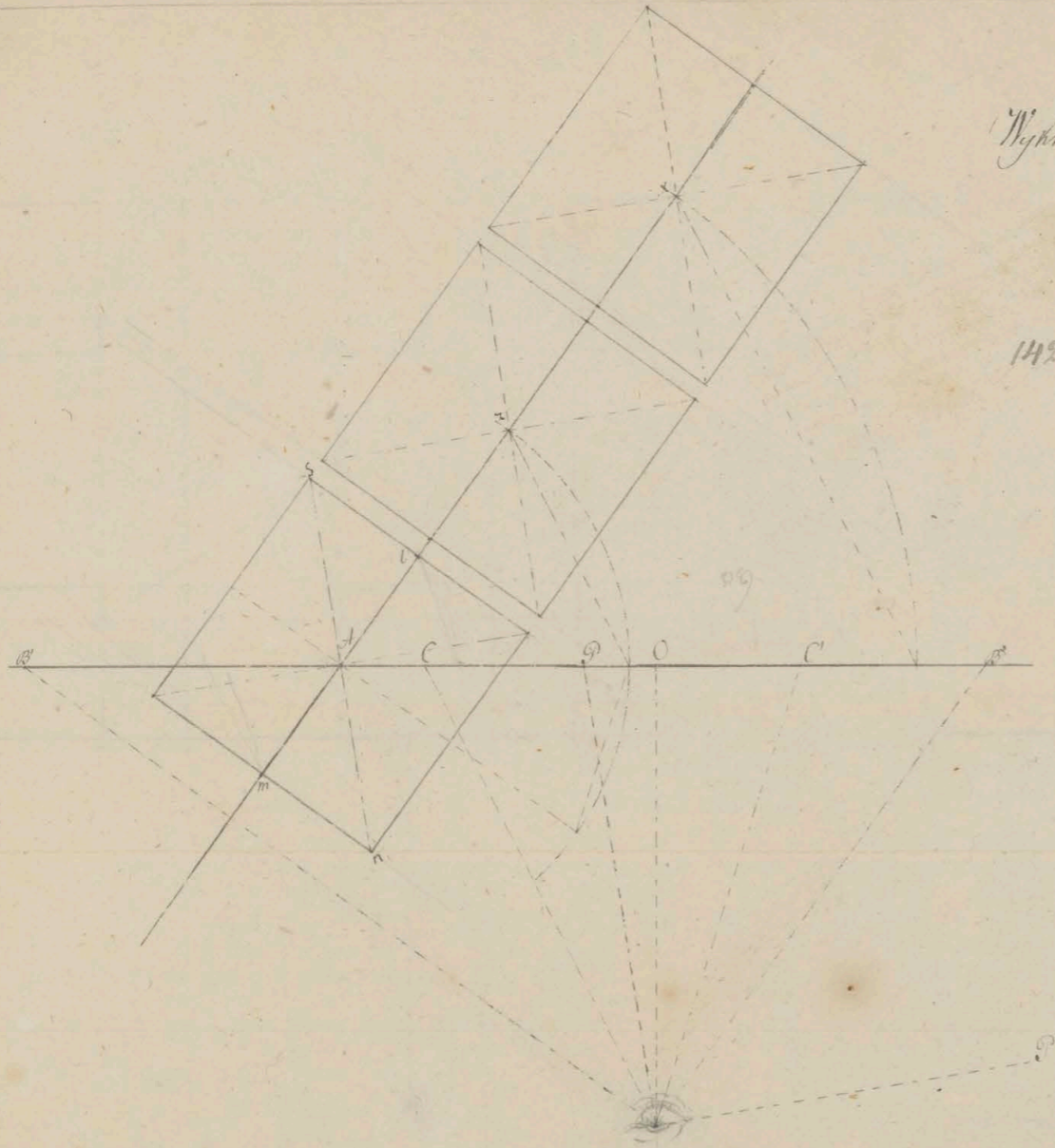
111.





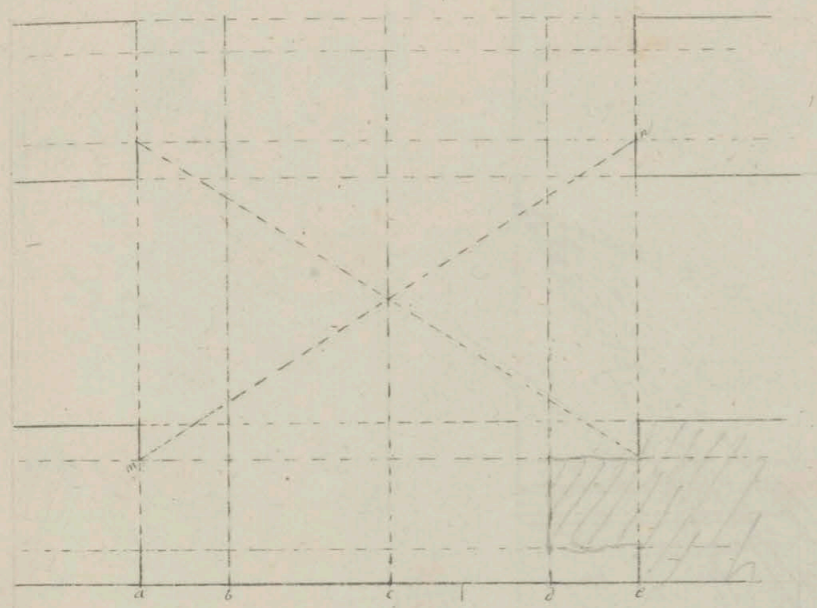
Wykreślenie Perspektywy za pomocą punktów zbiegania się.

142.

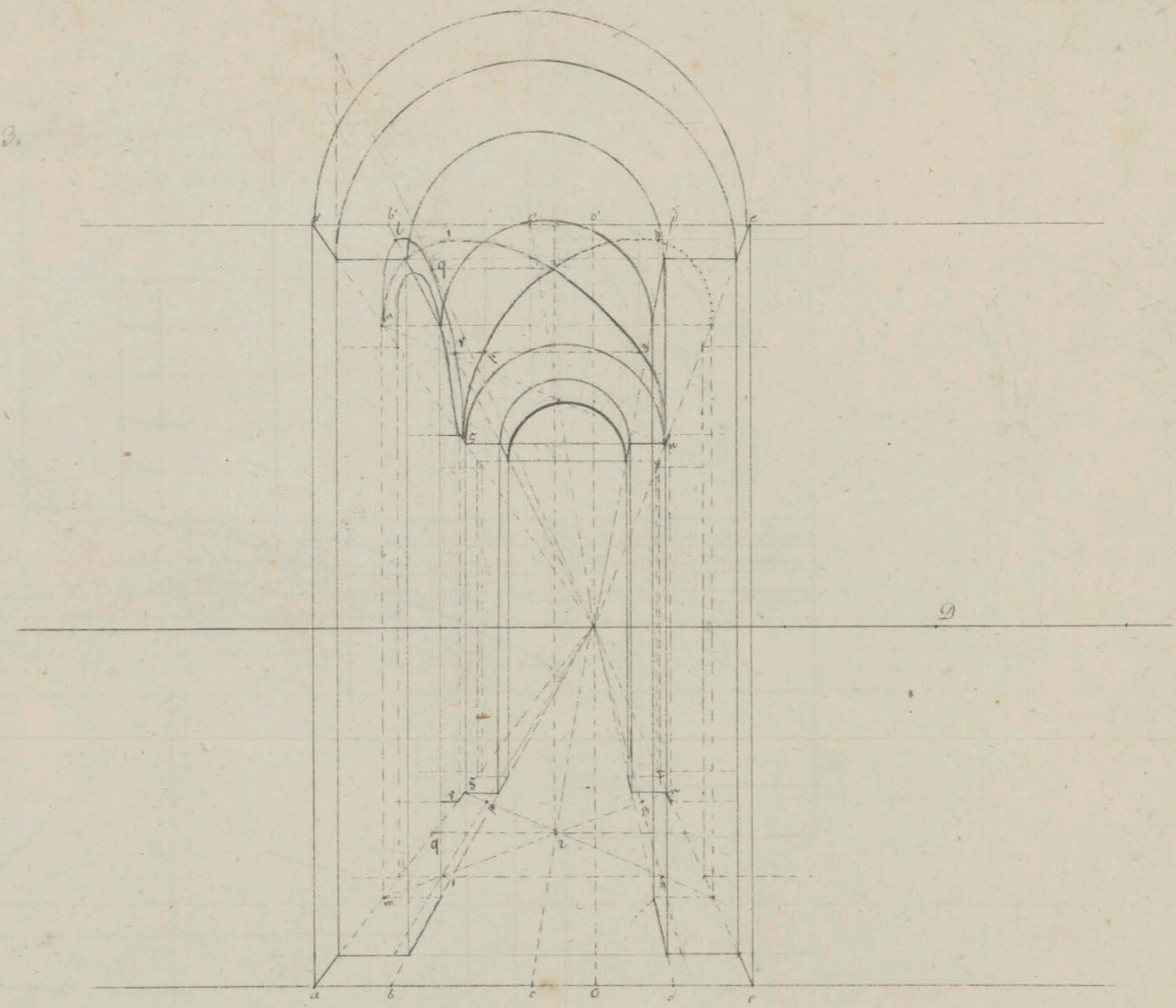


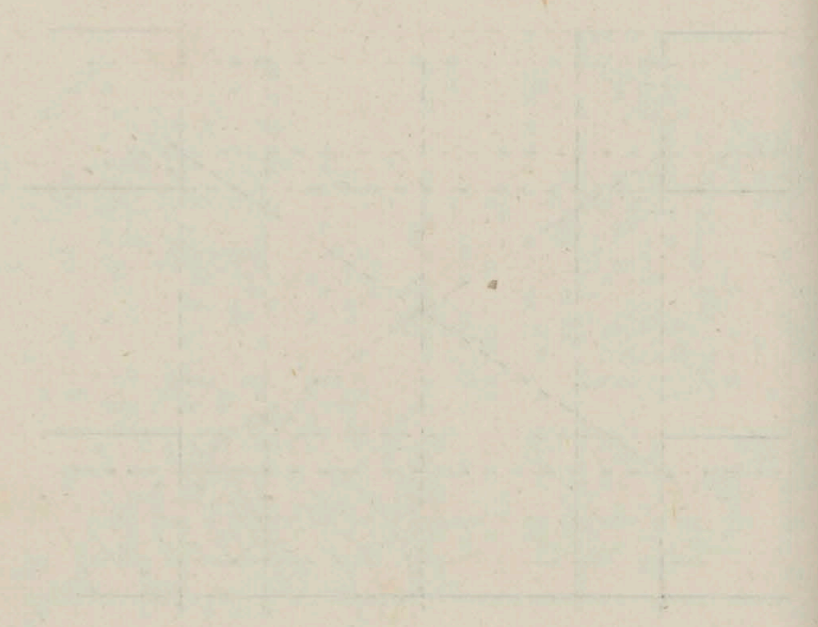
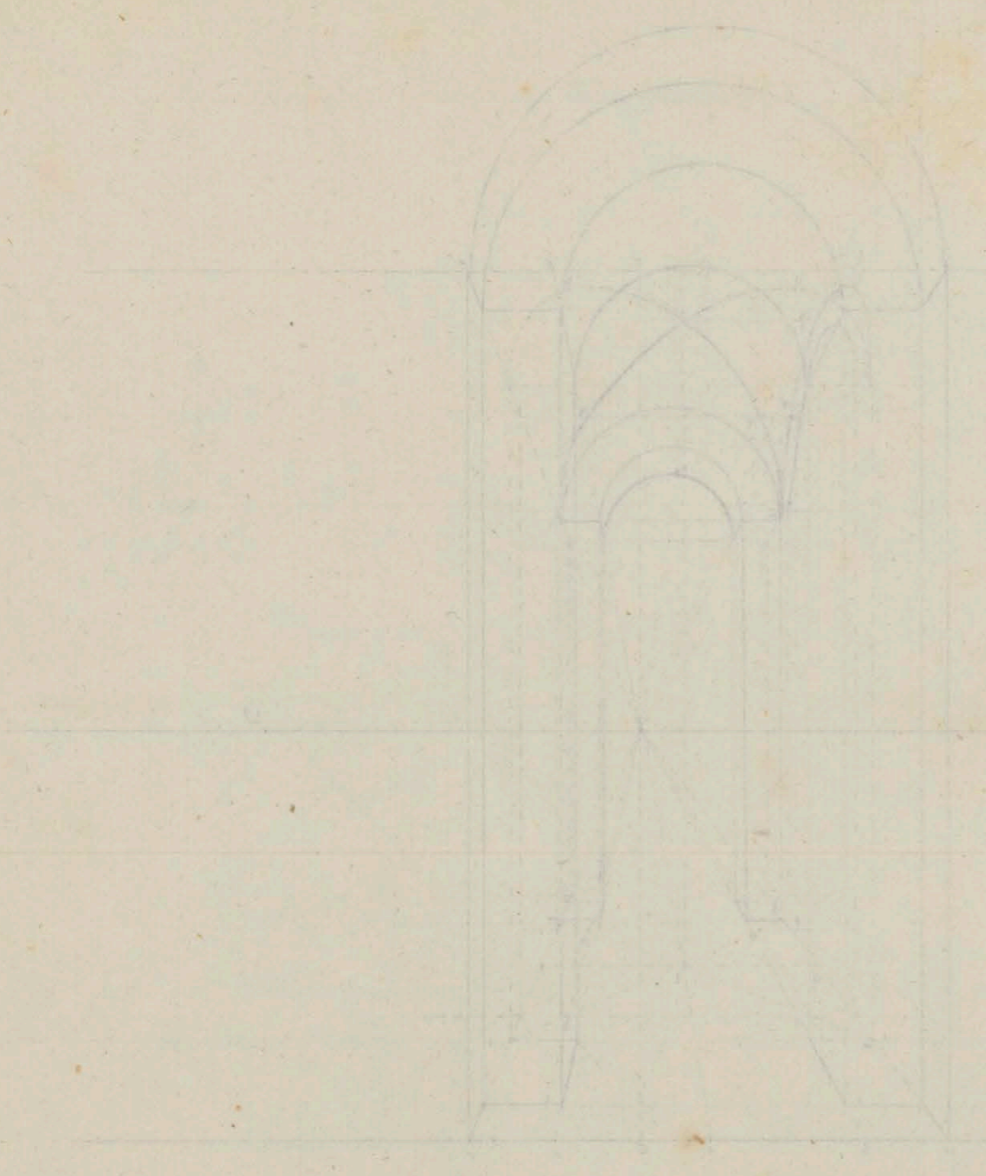
Faint, illegible handwriting at the top of the page.



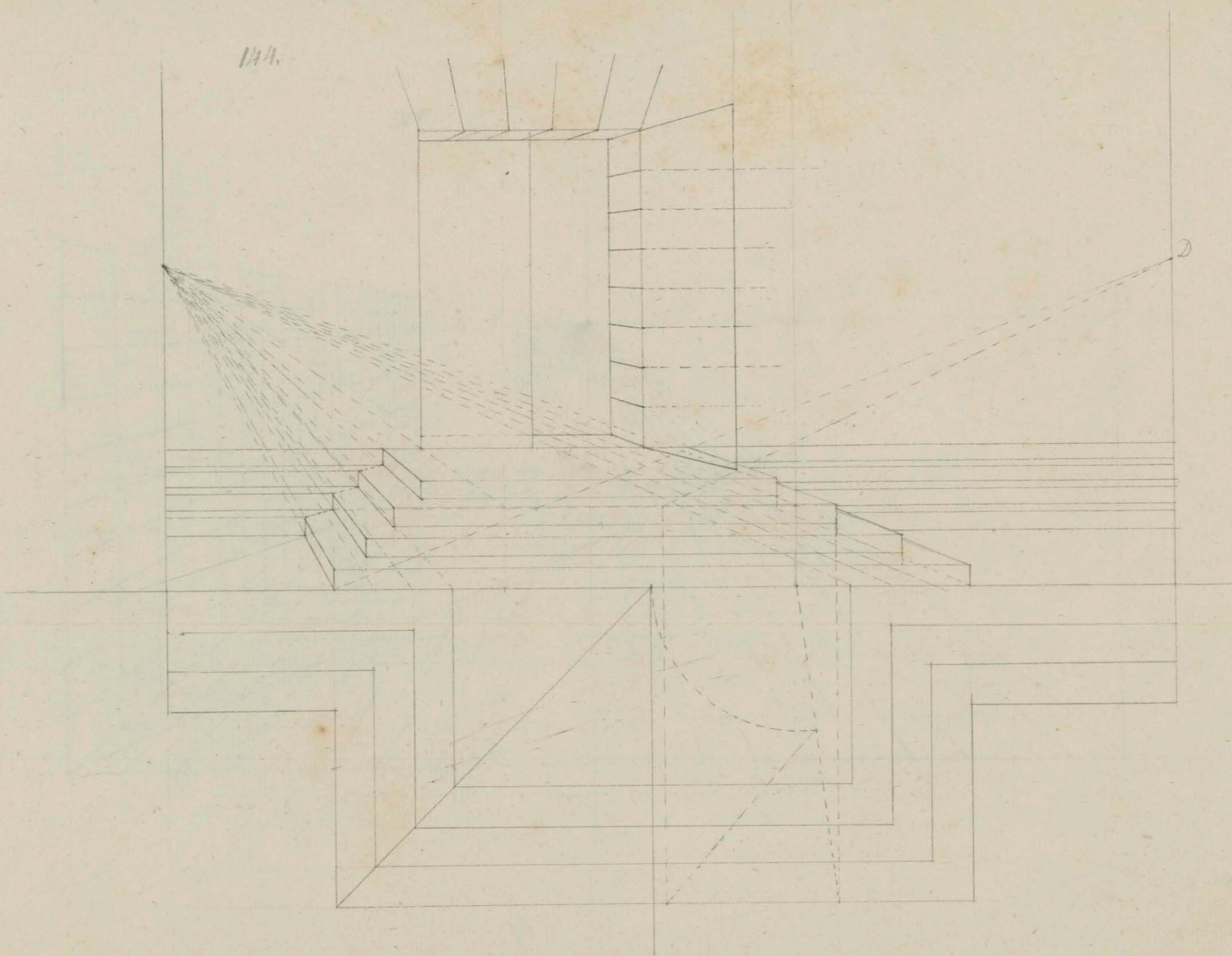


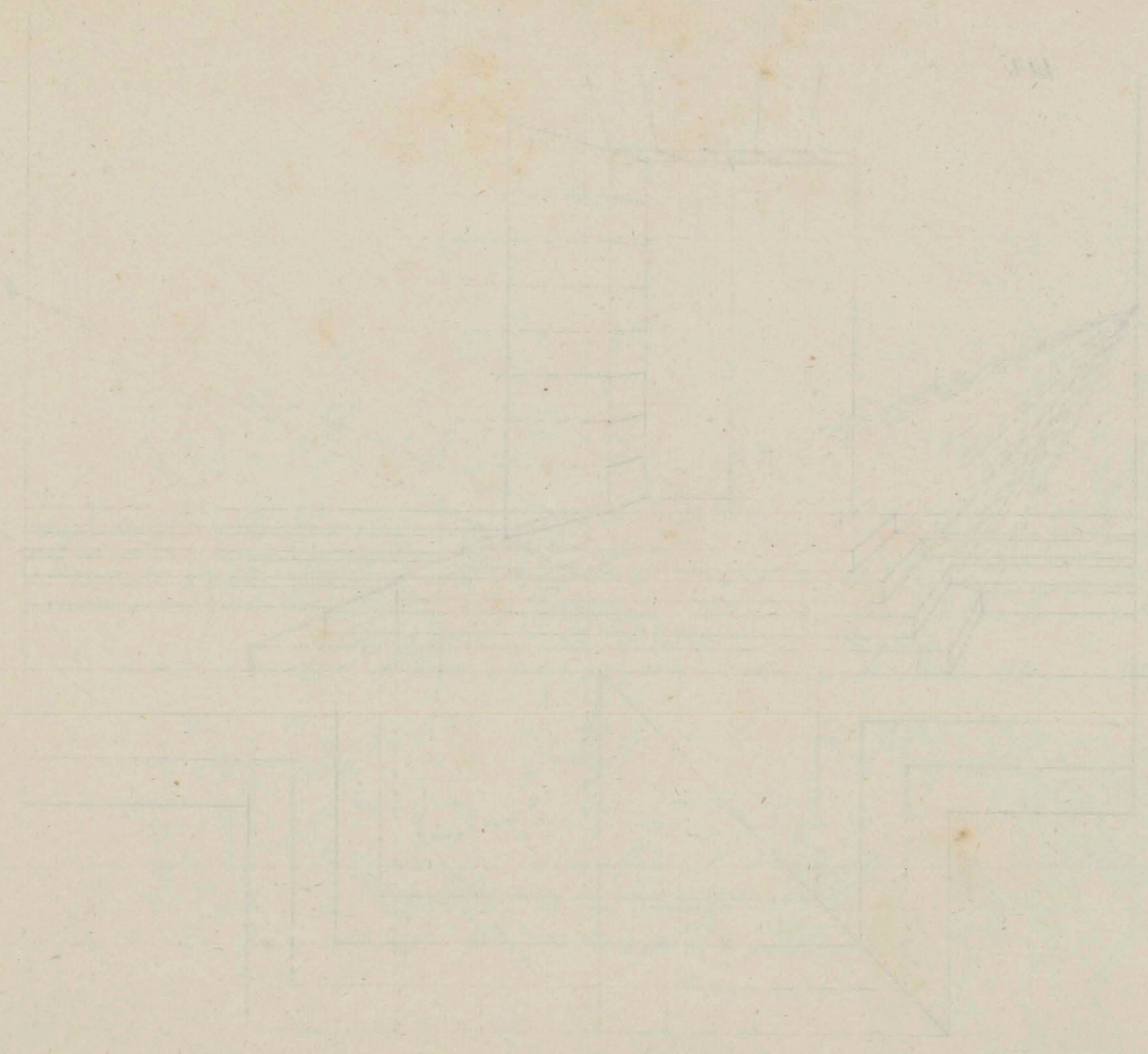
143.



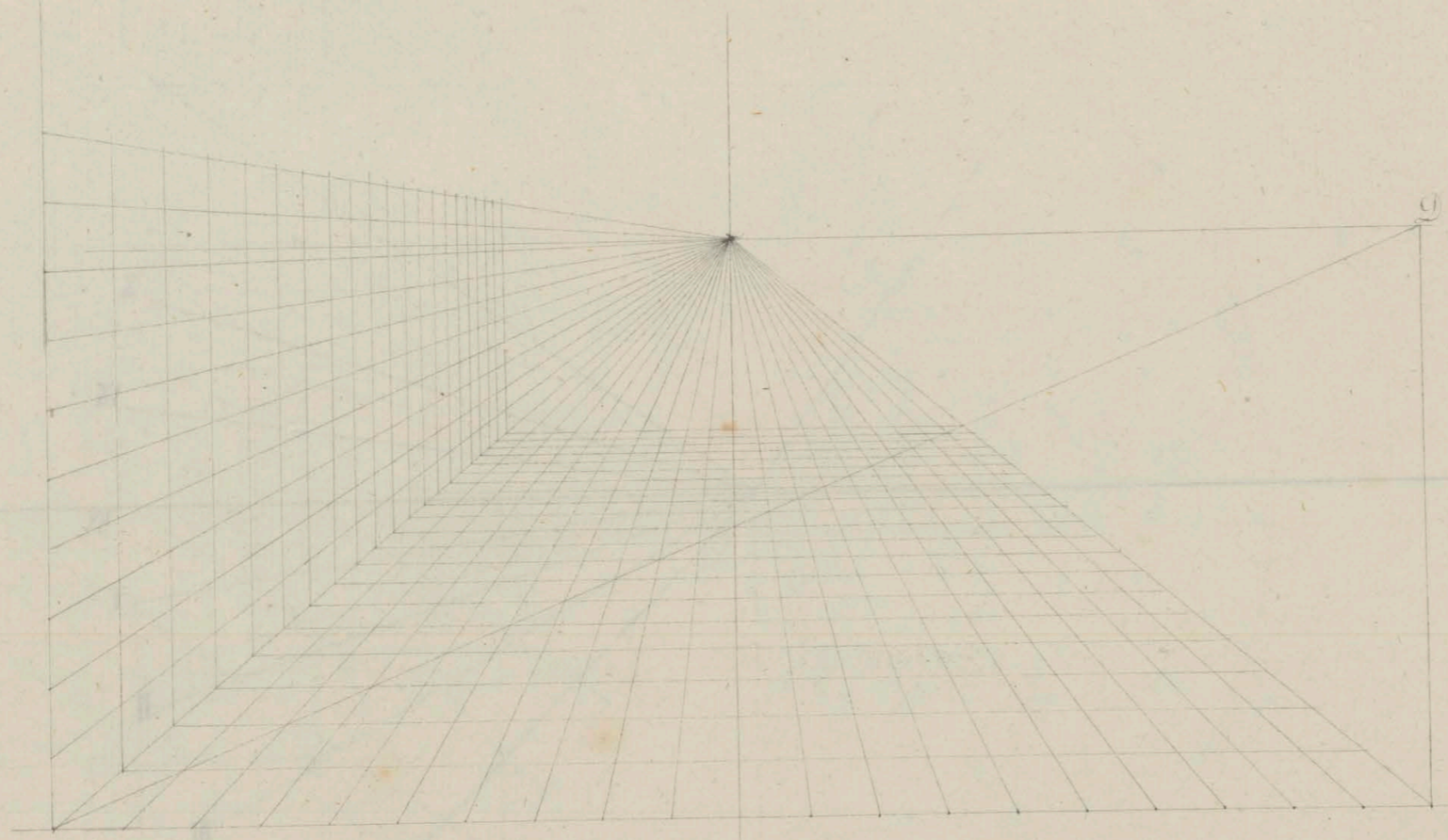


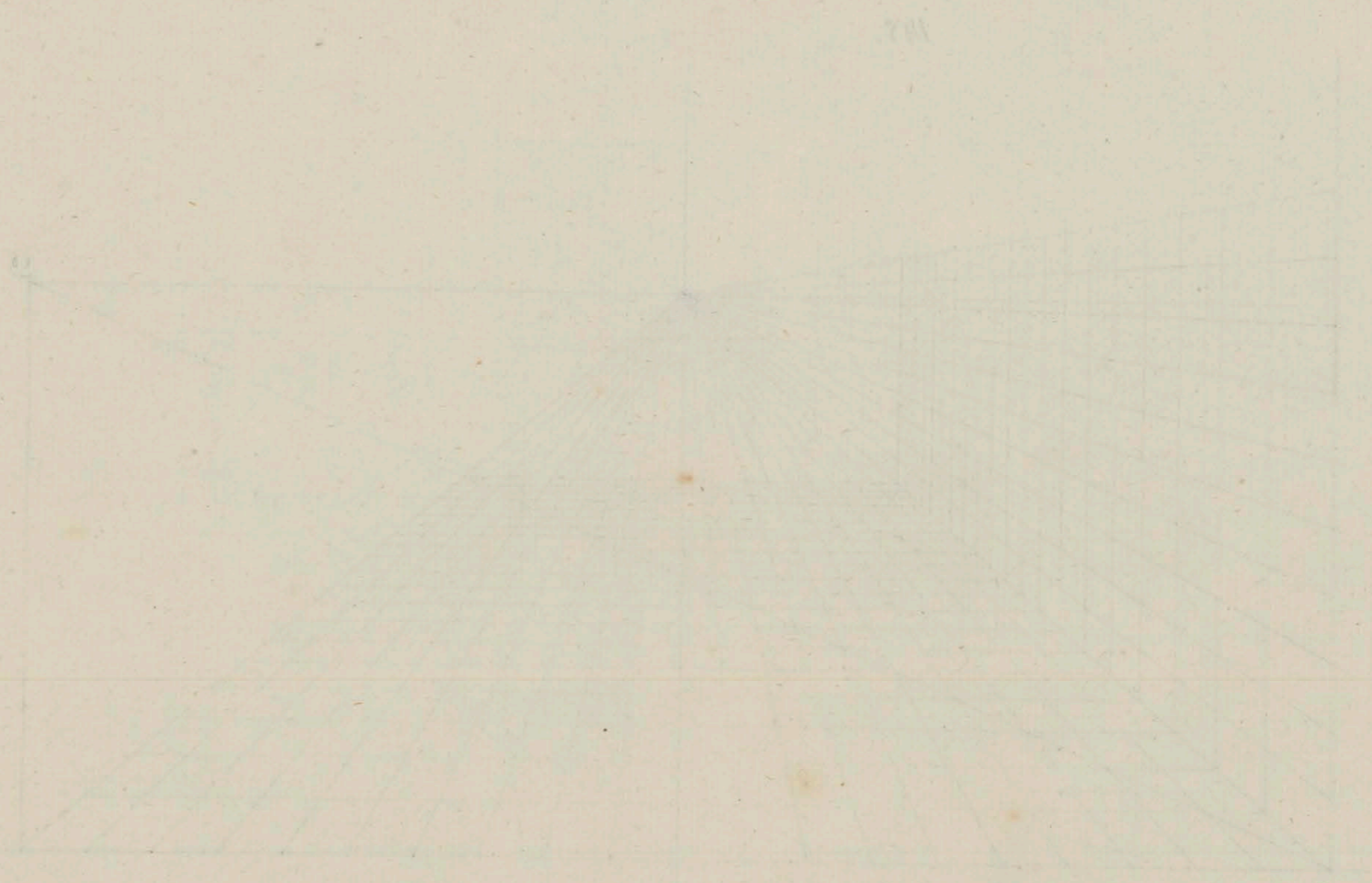
144.



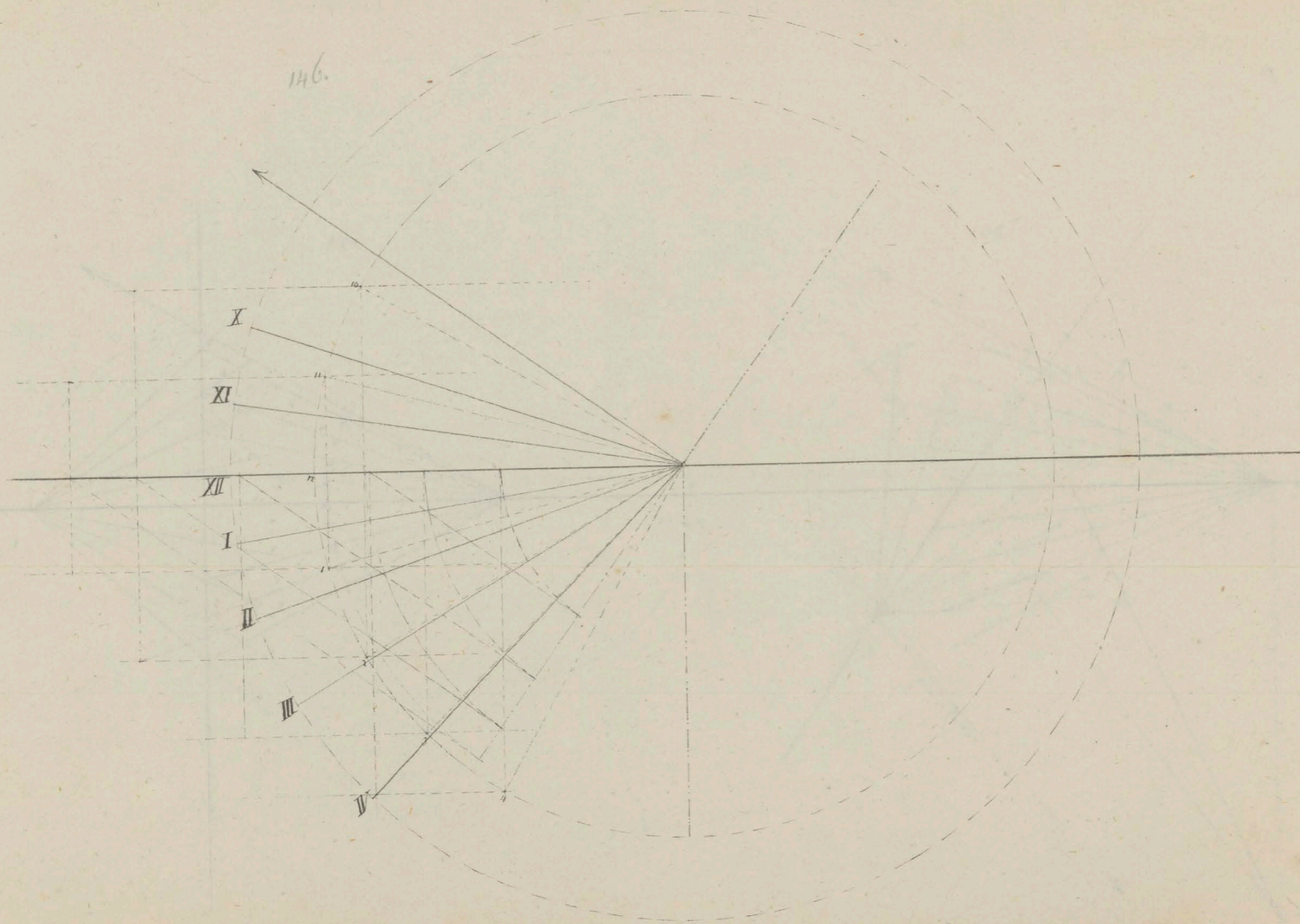


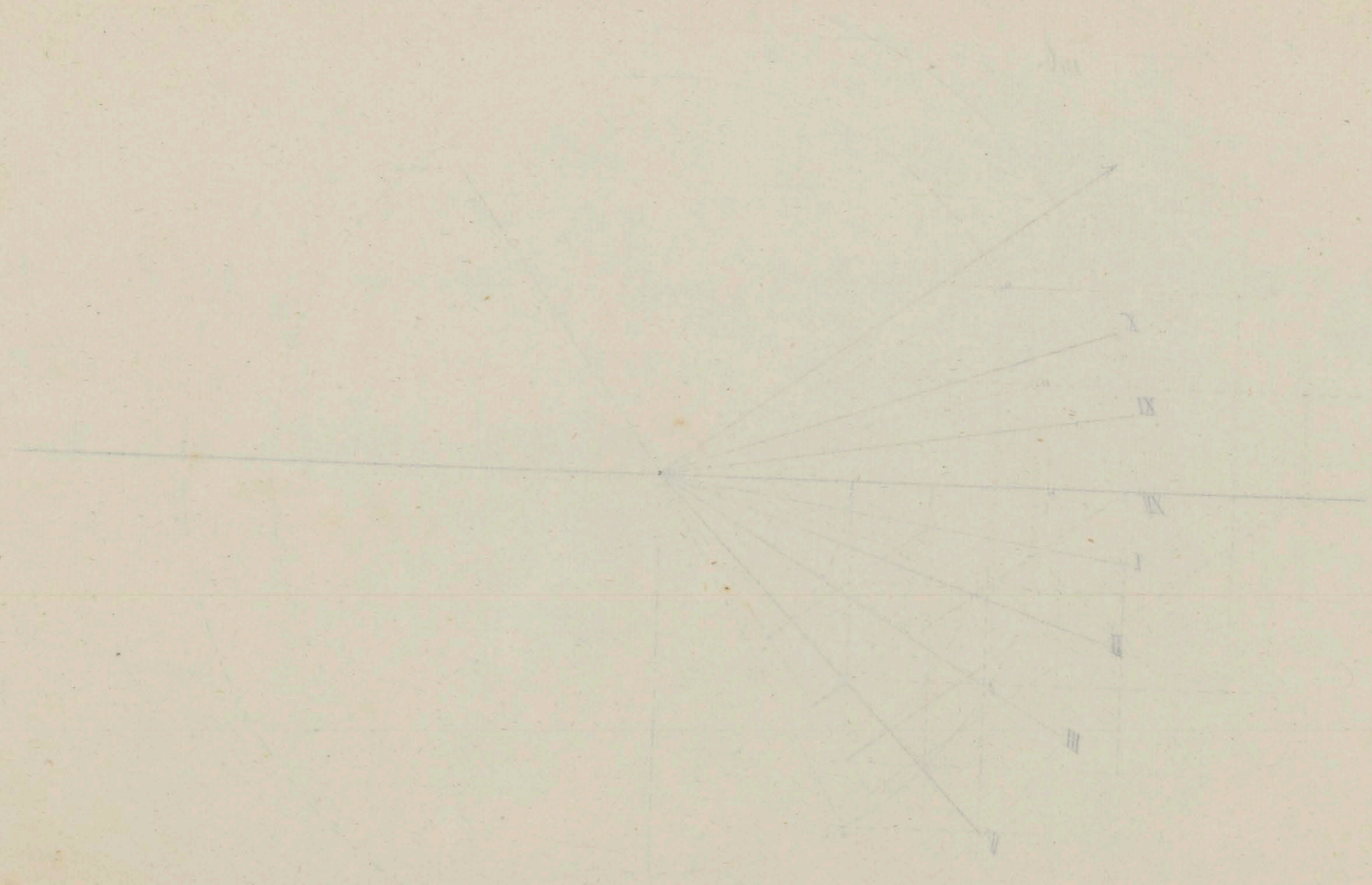
149.





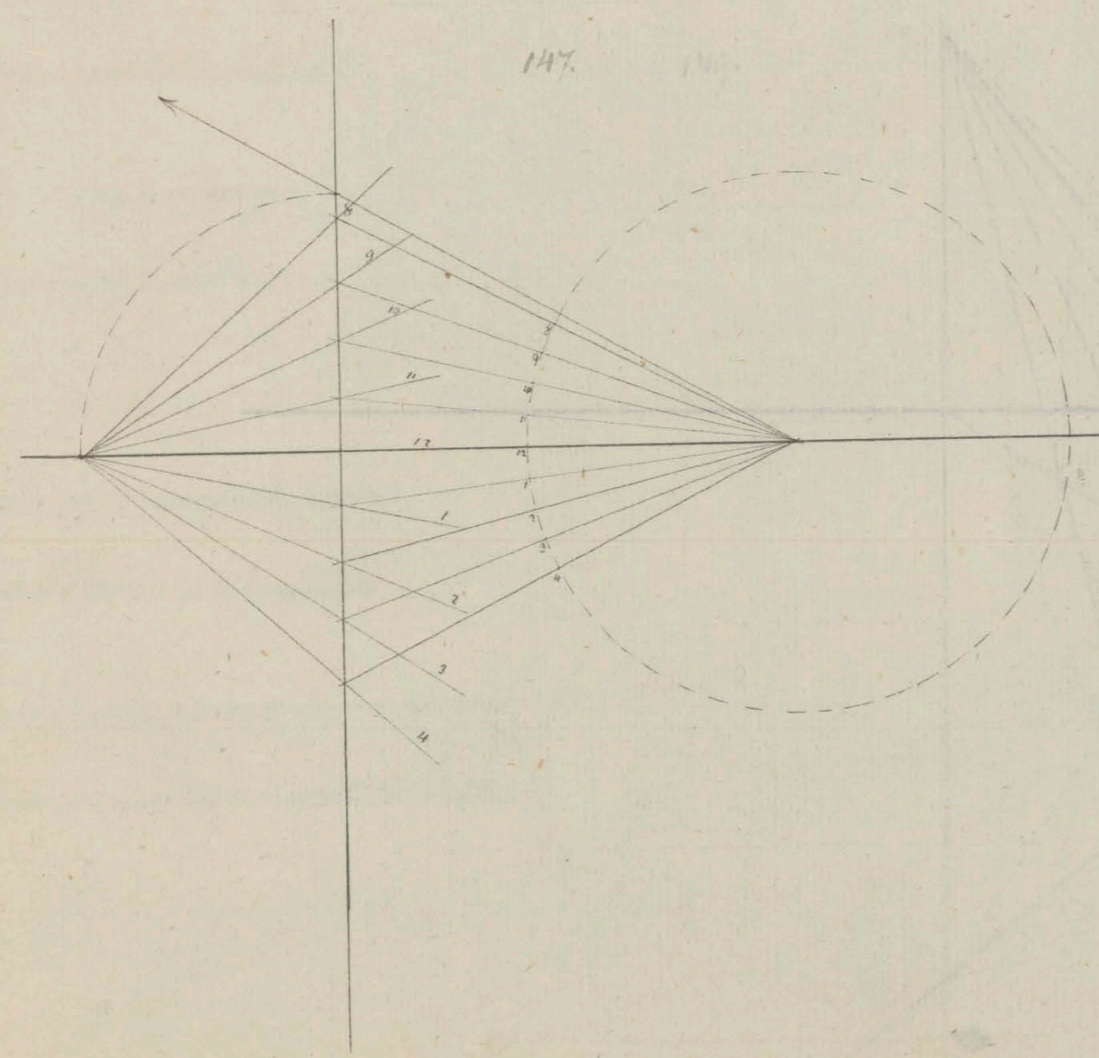
146.



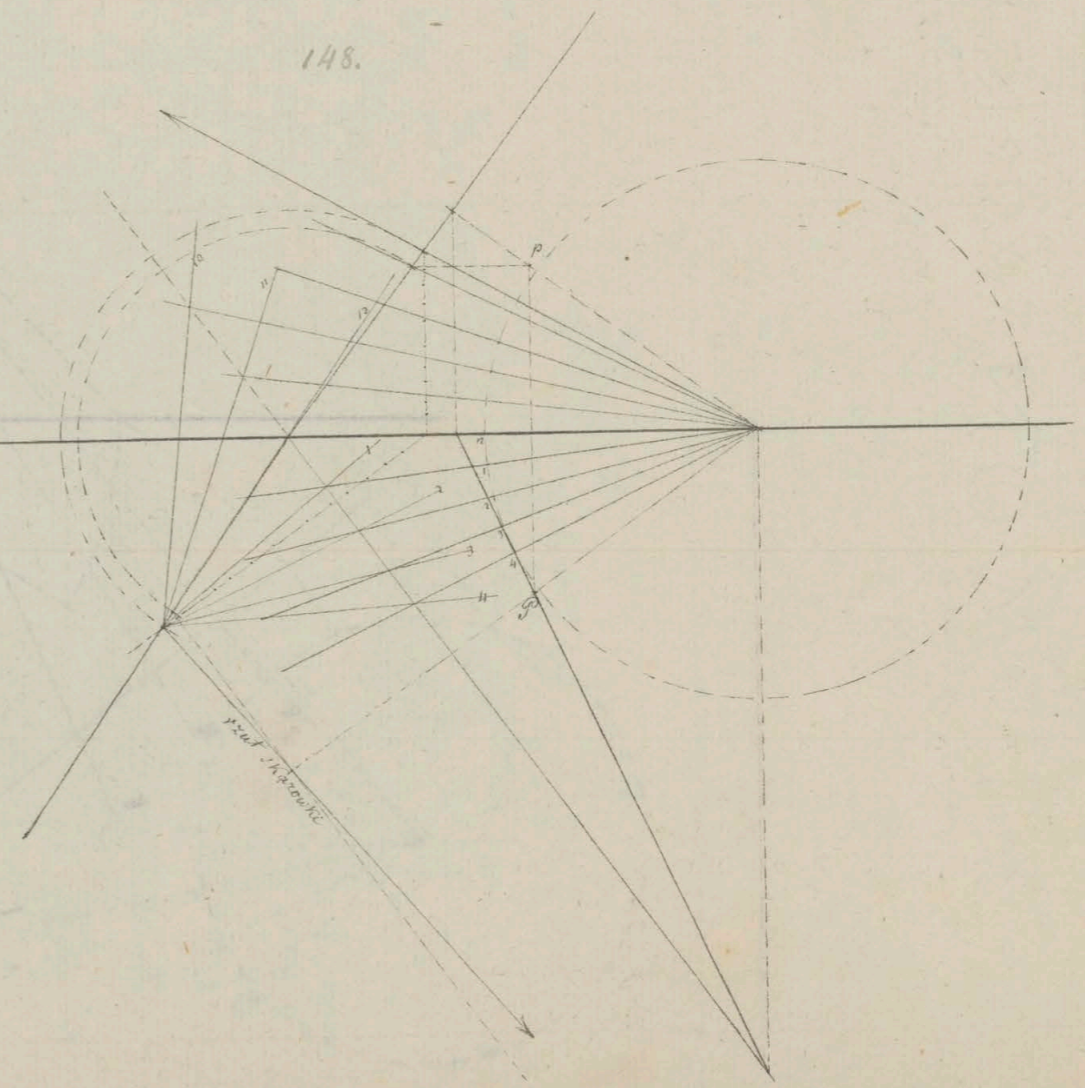


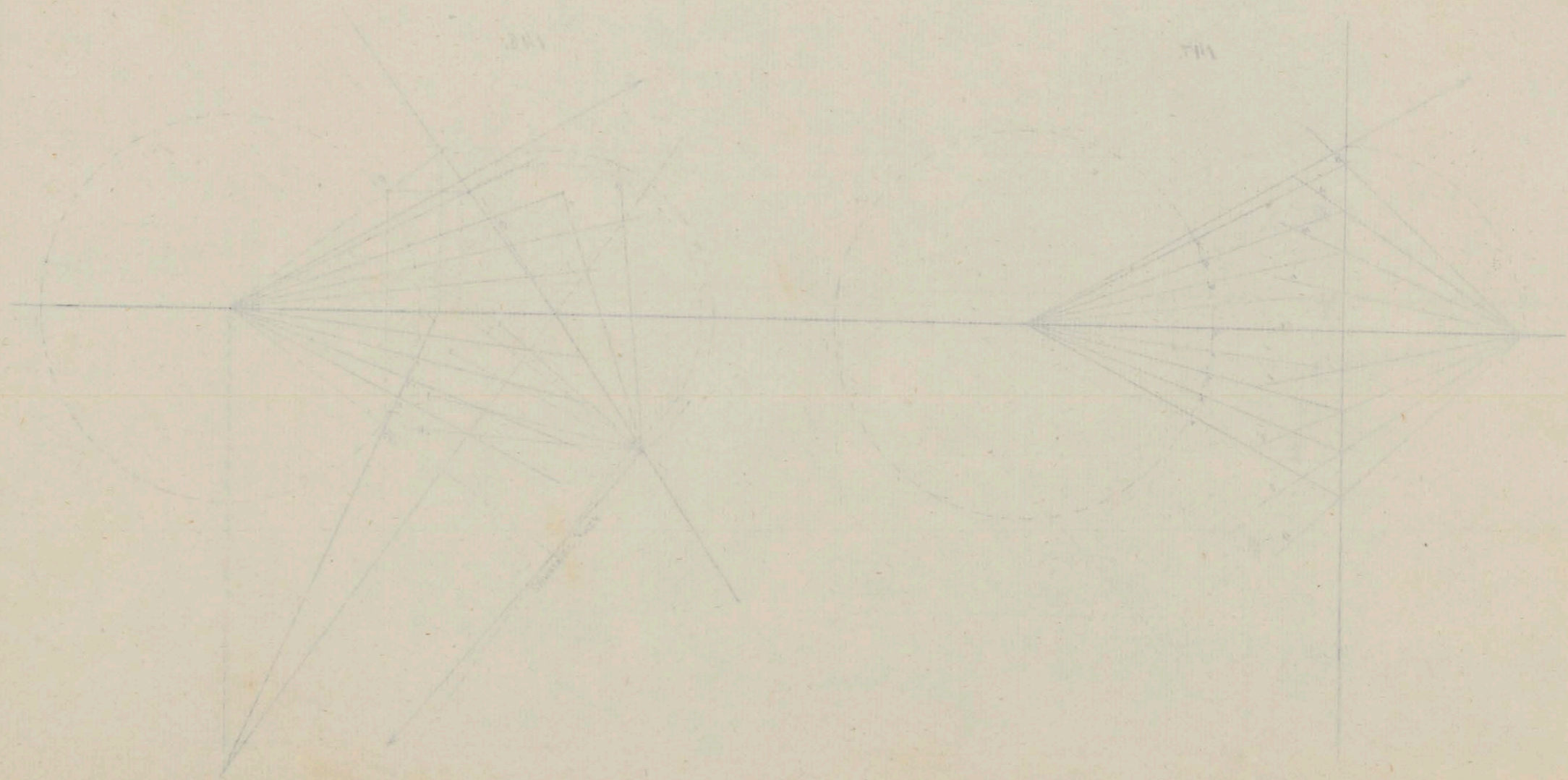
147.

147.

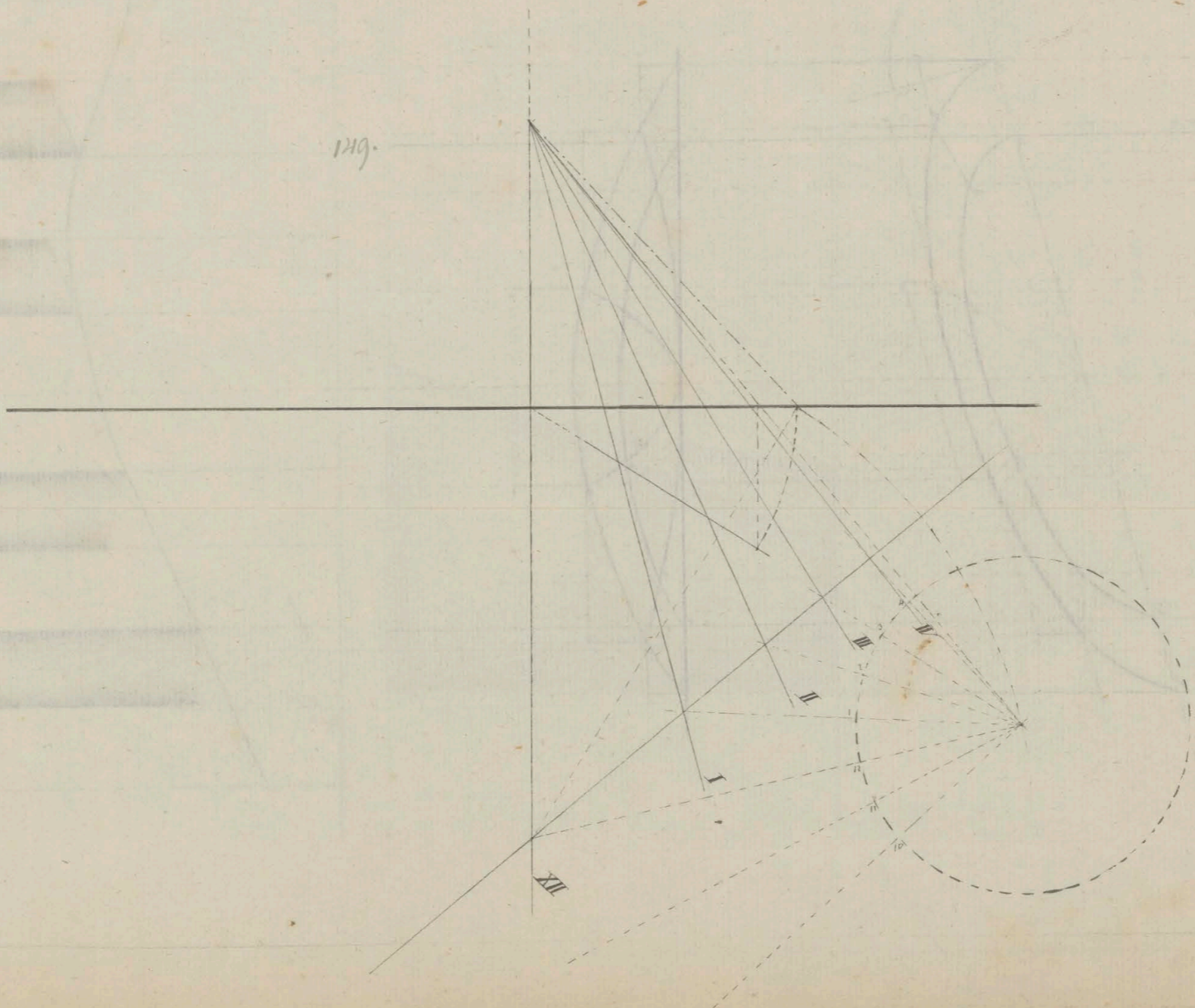


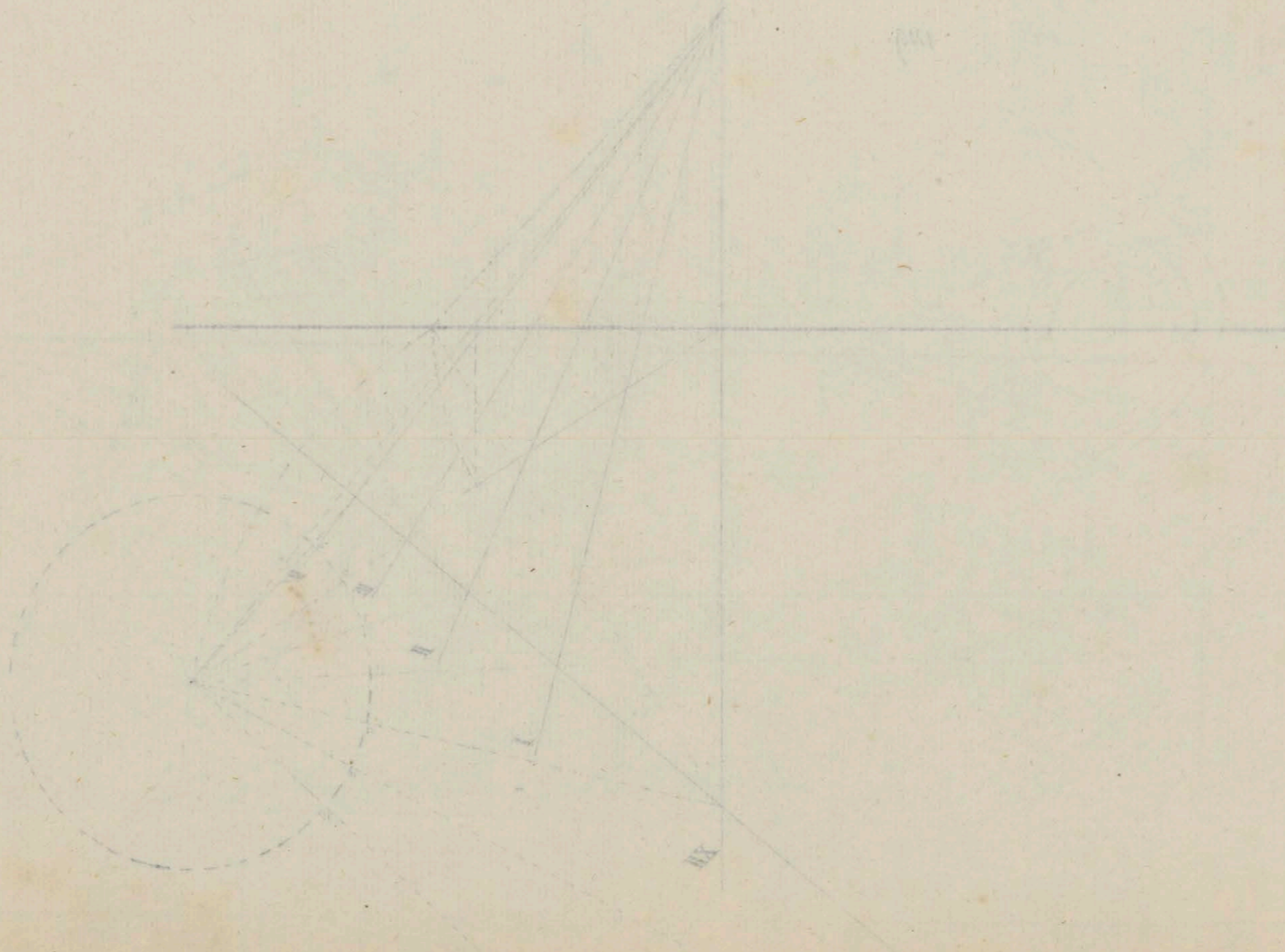
148.

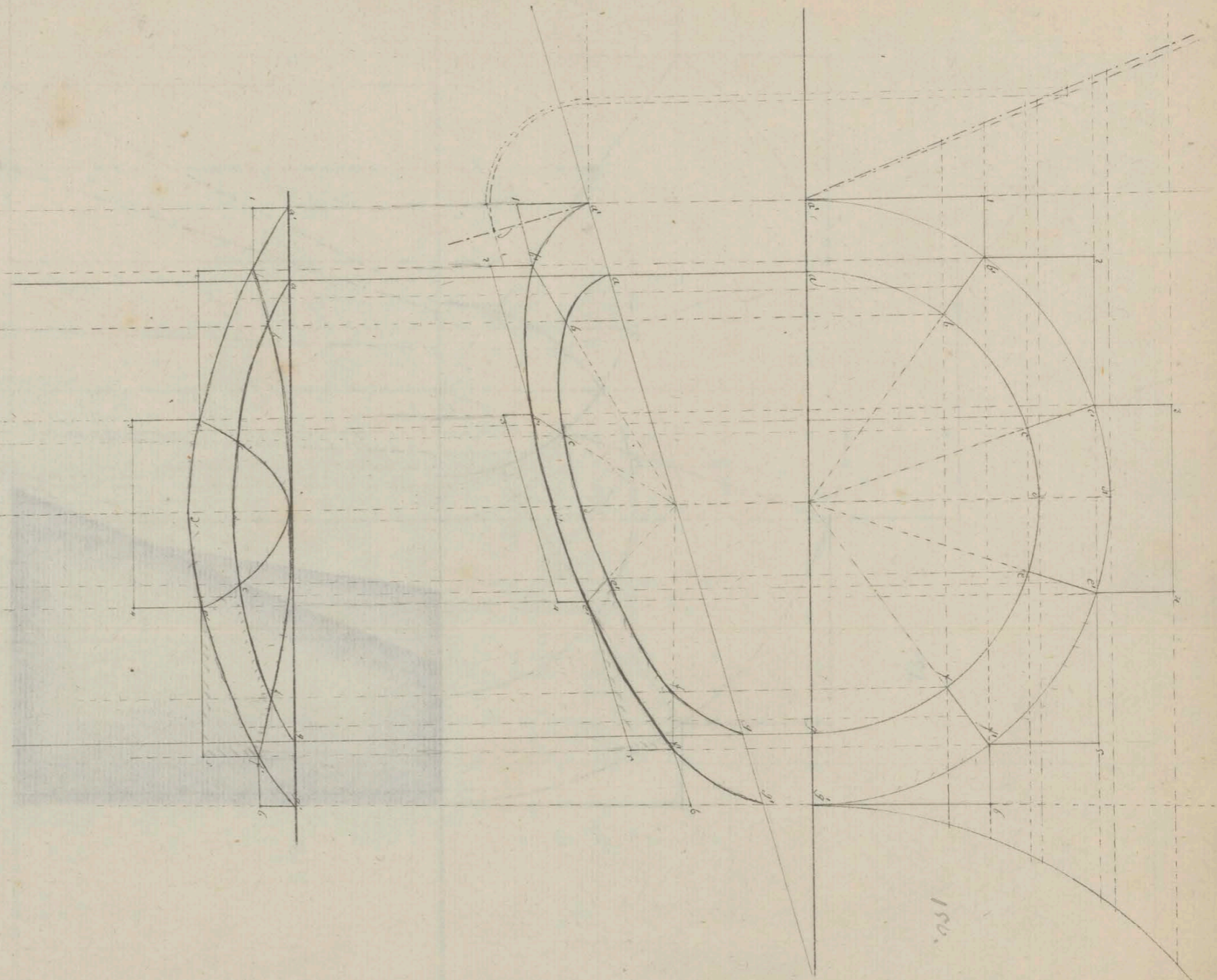
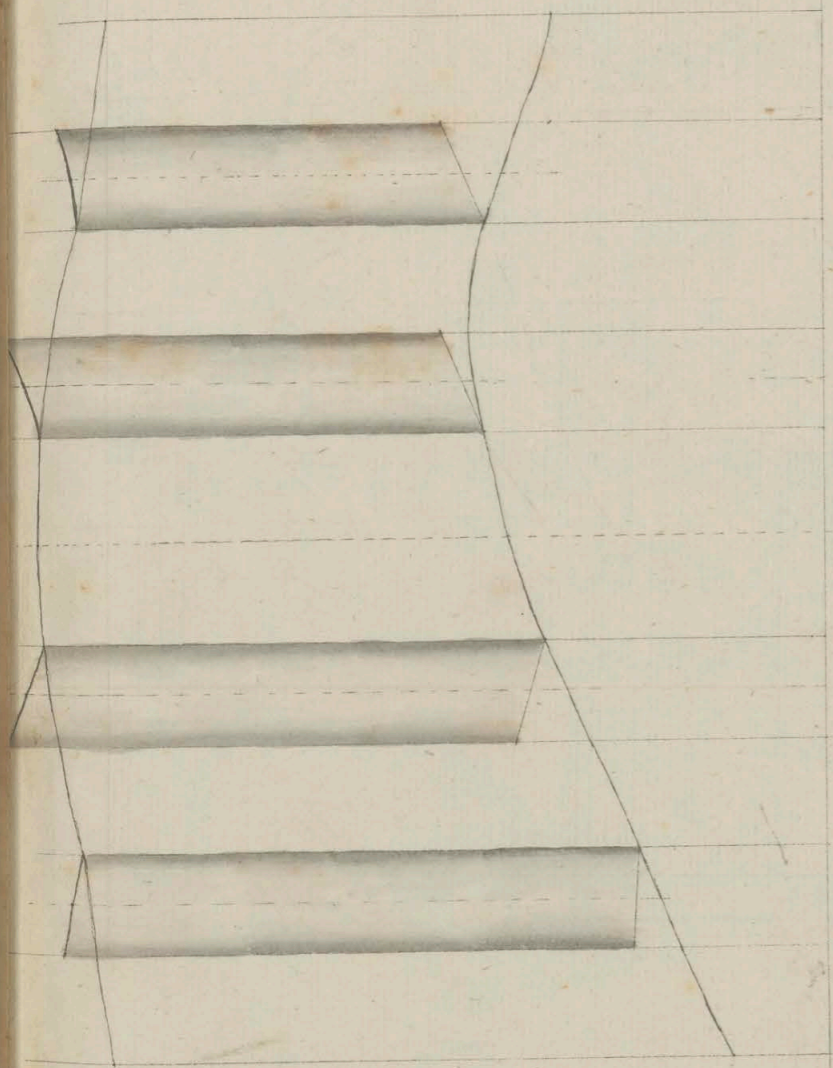


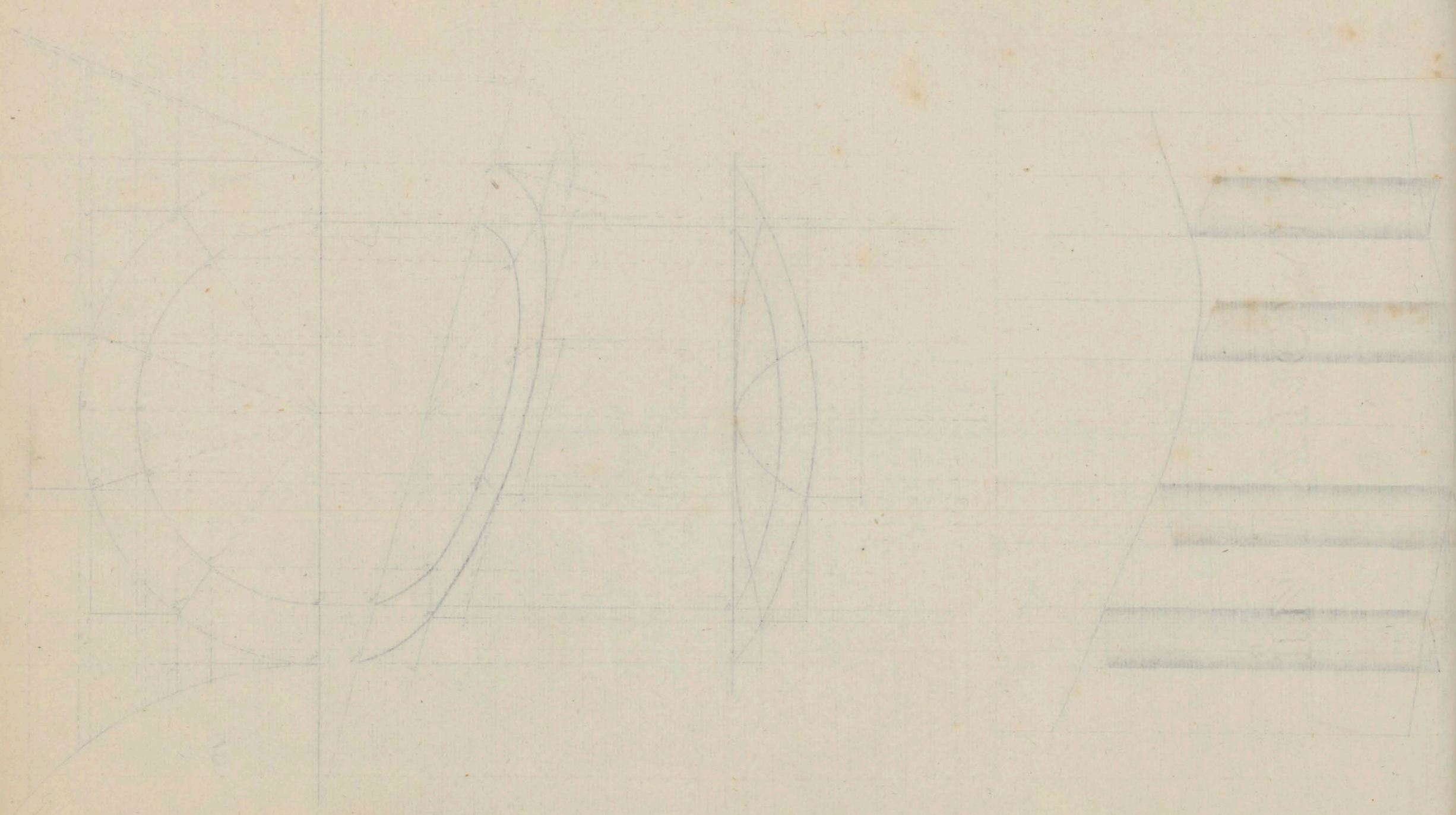


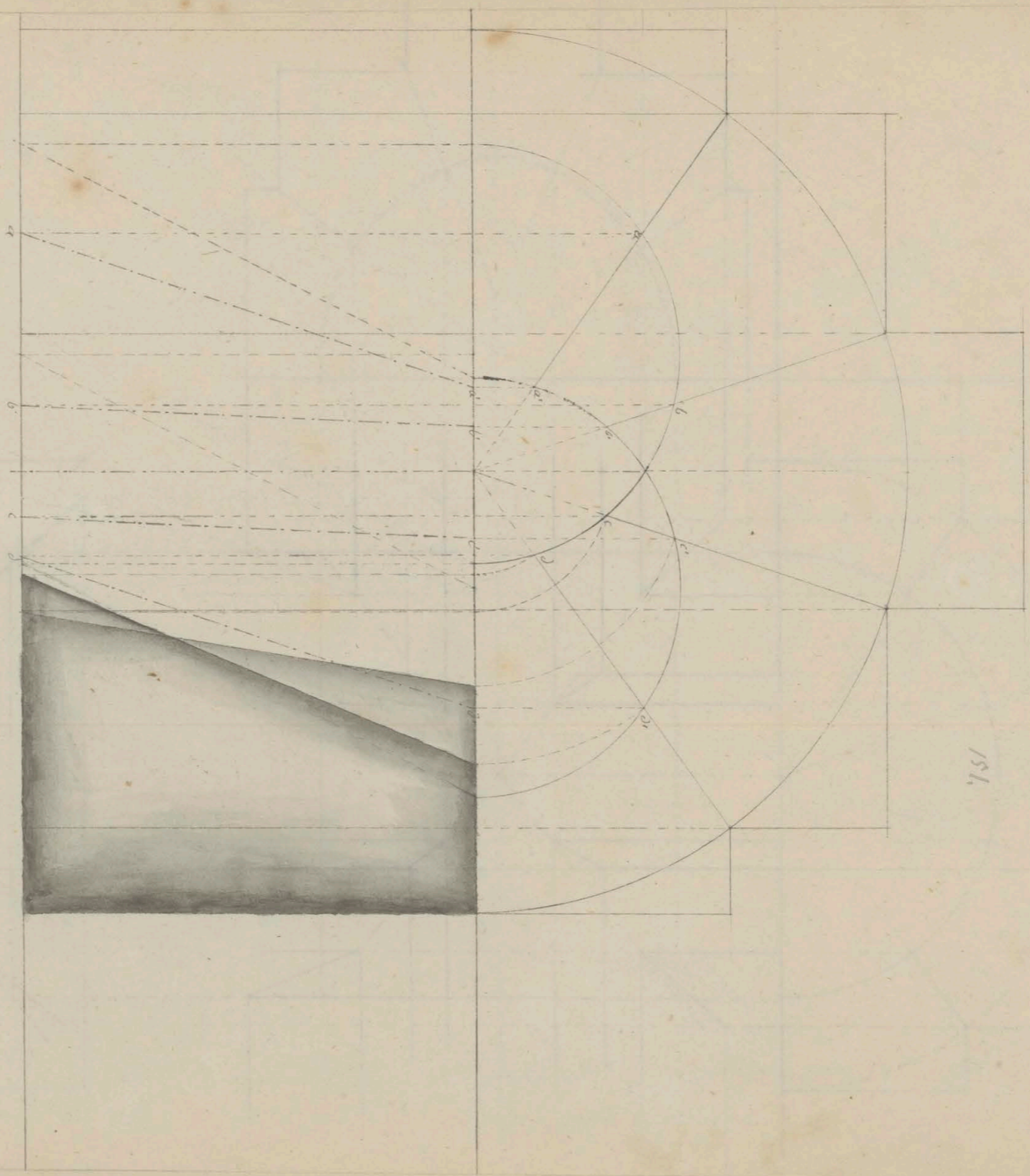
1719.



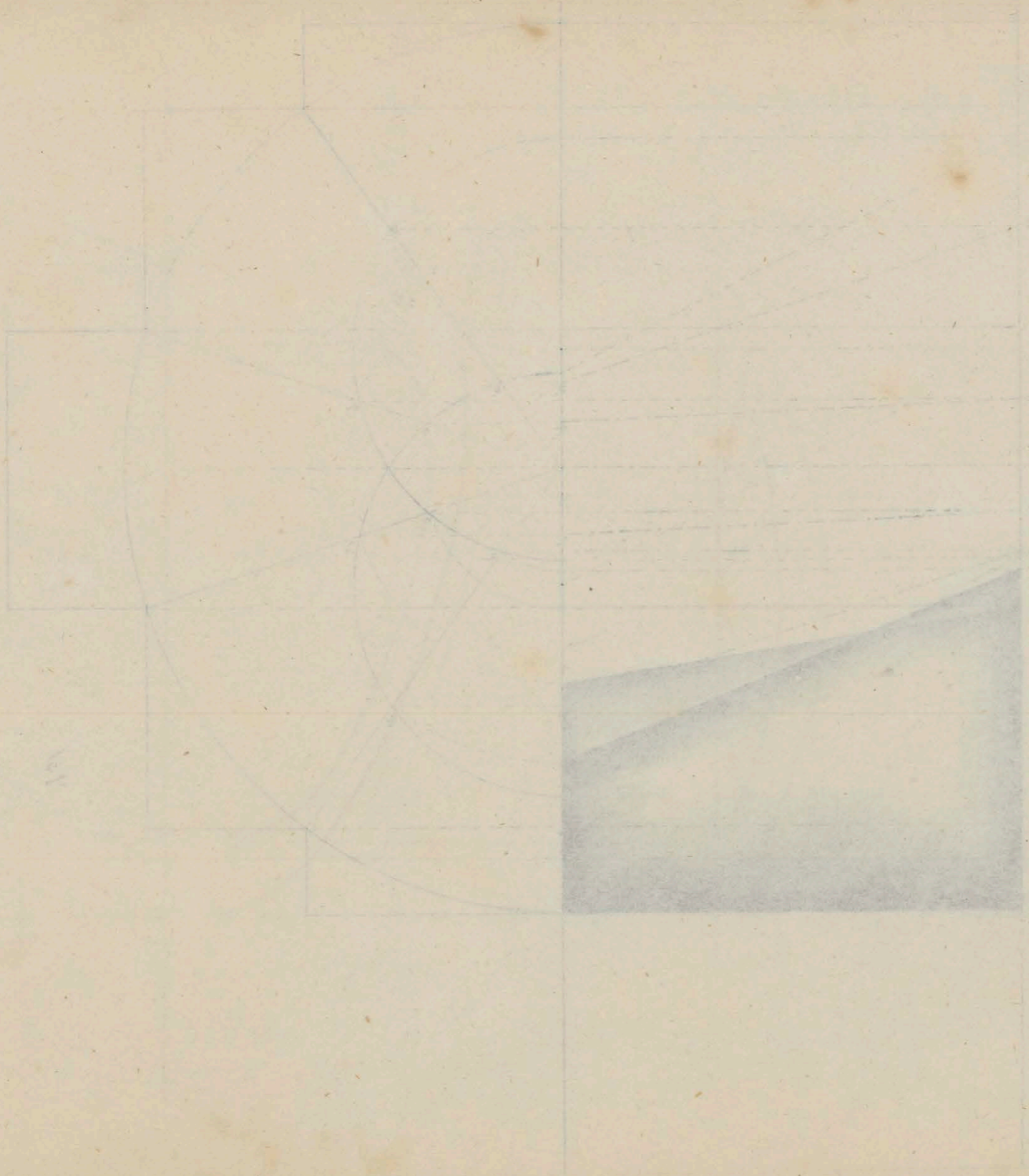


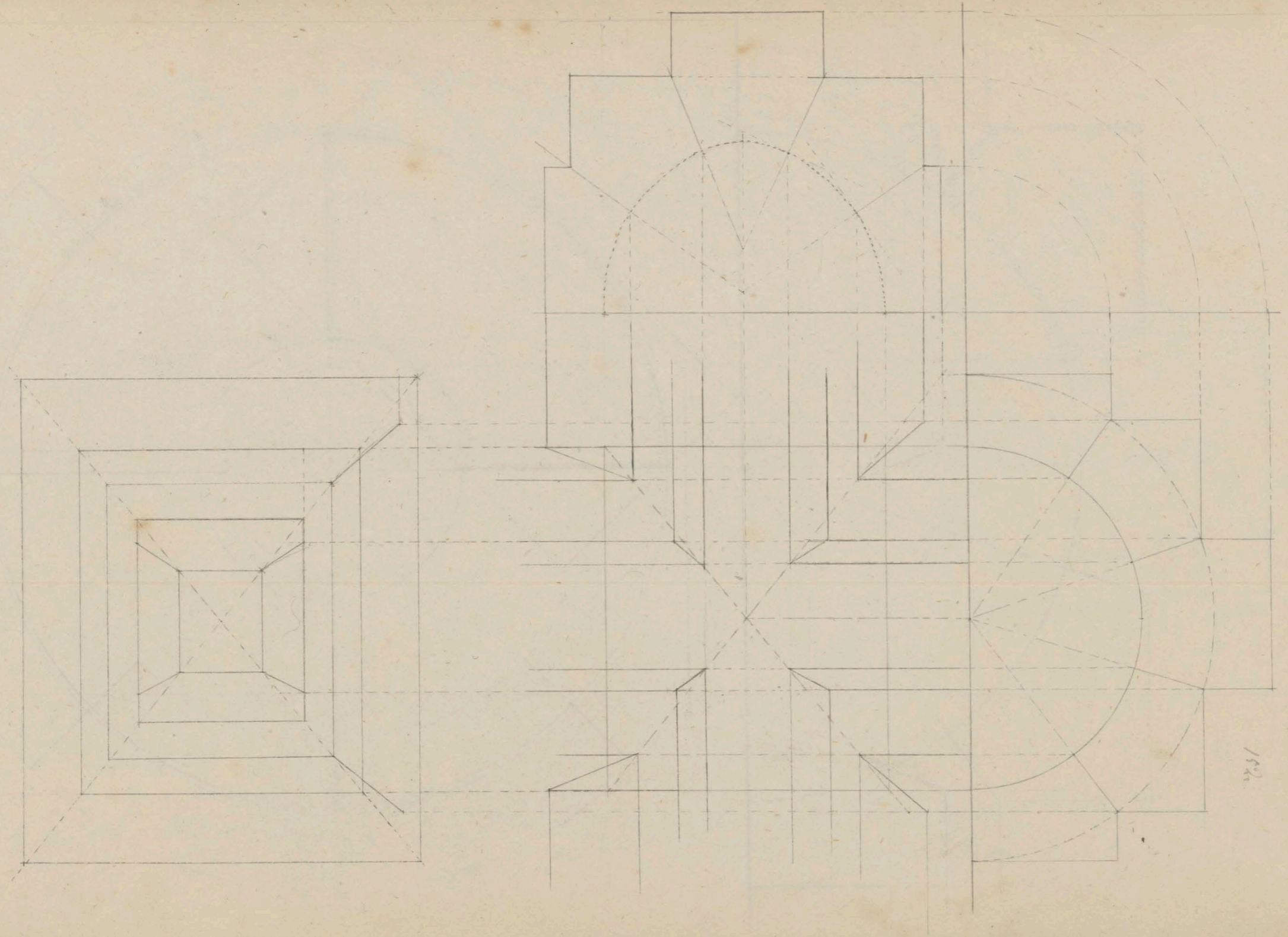




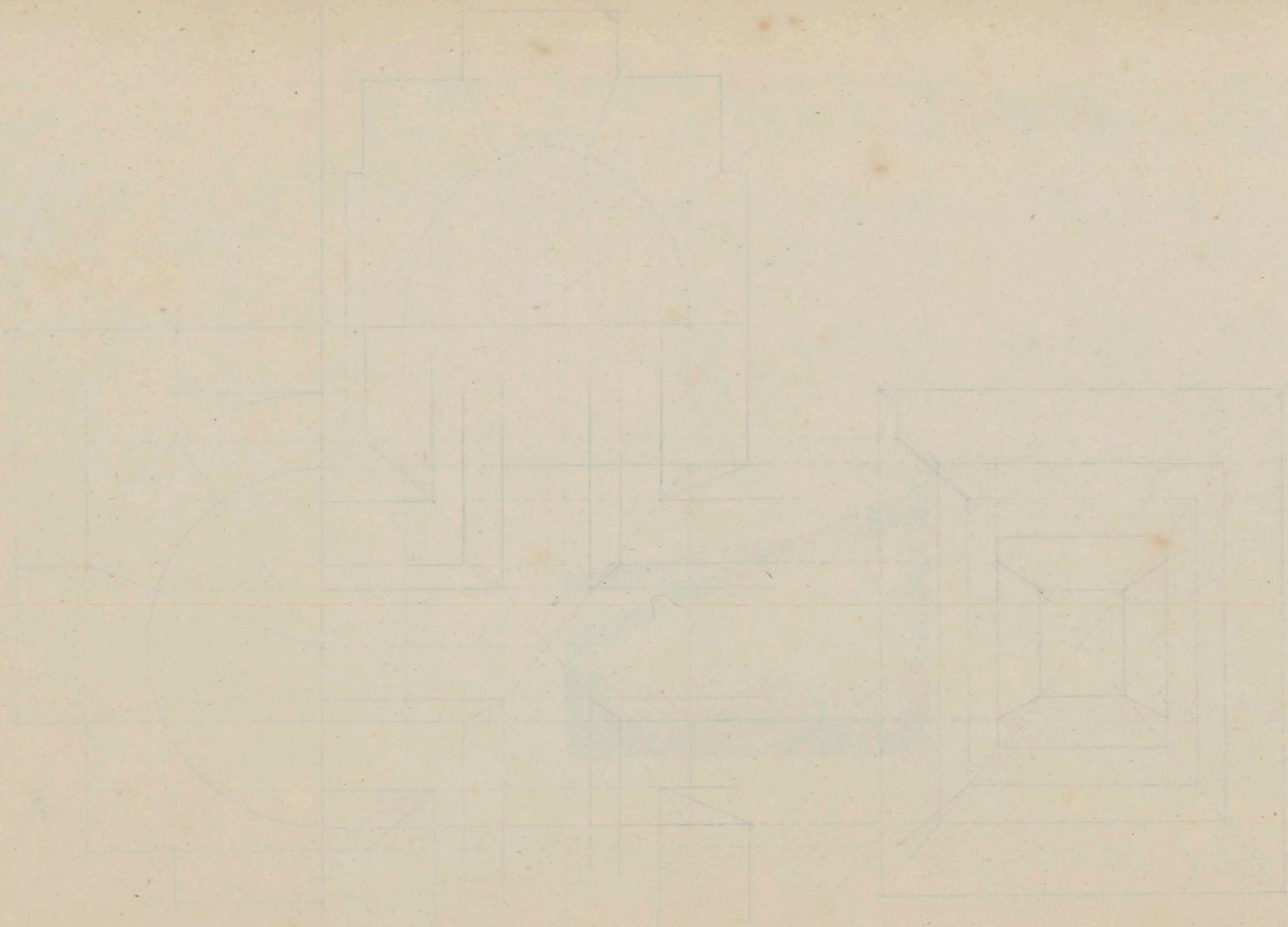


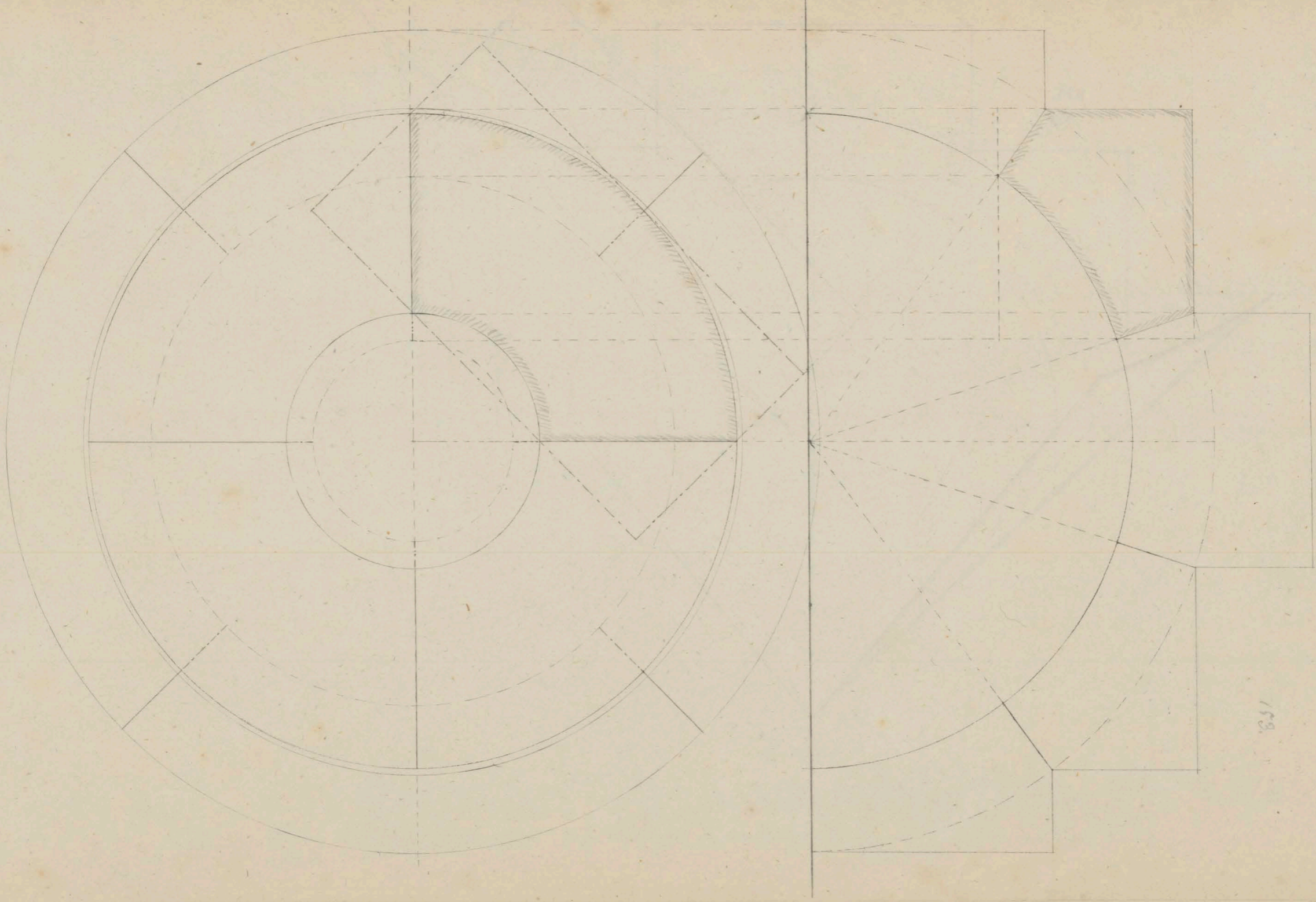
151



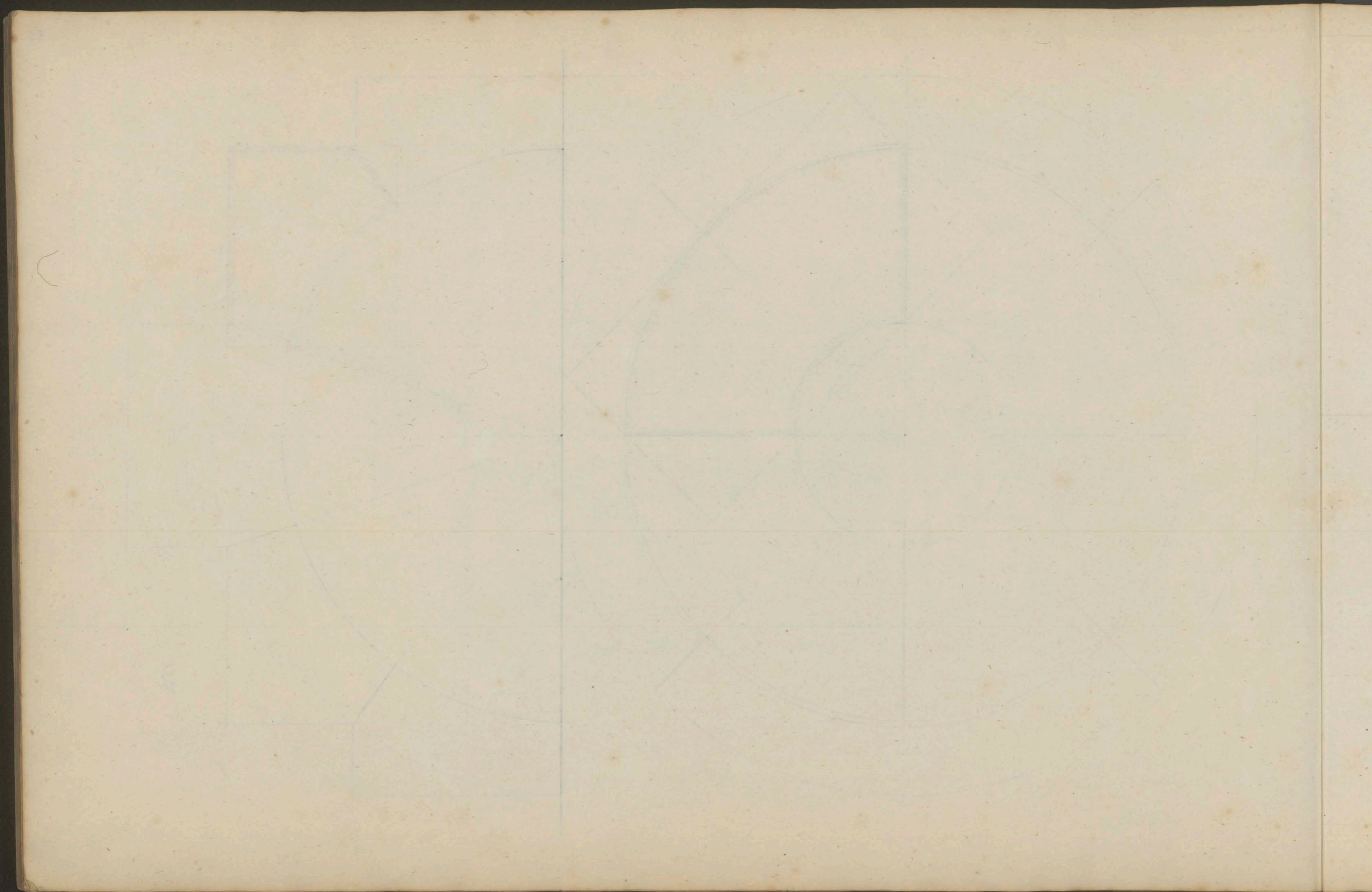


152

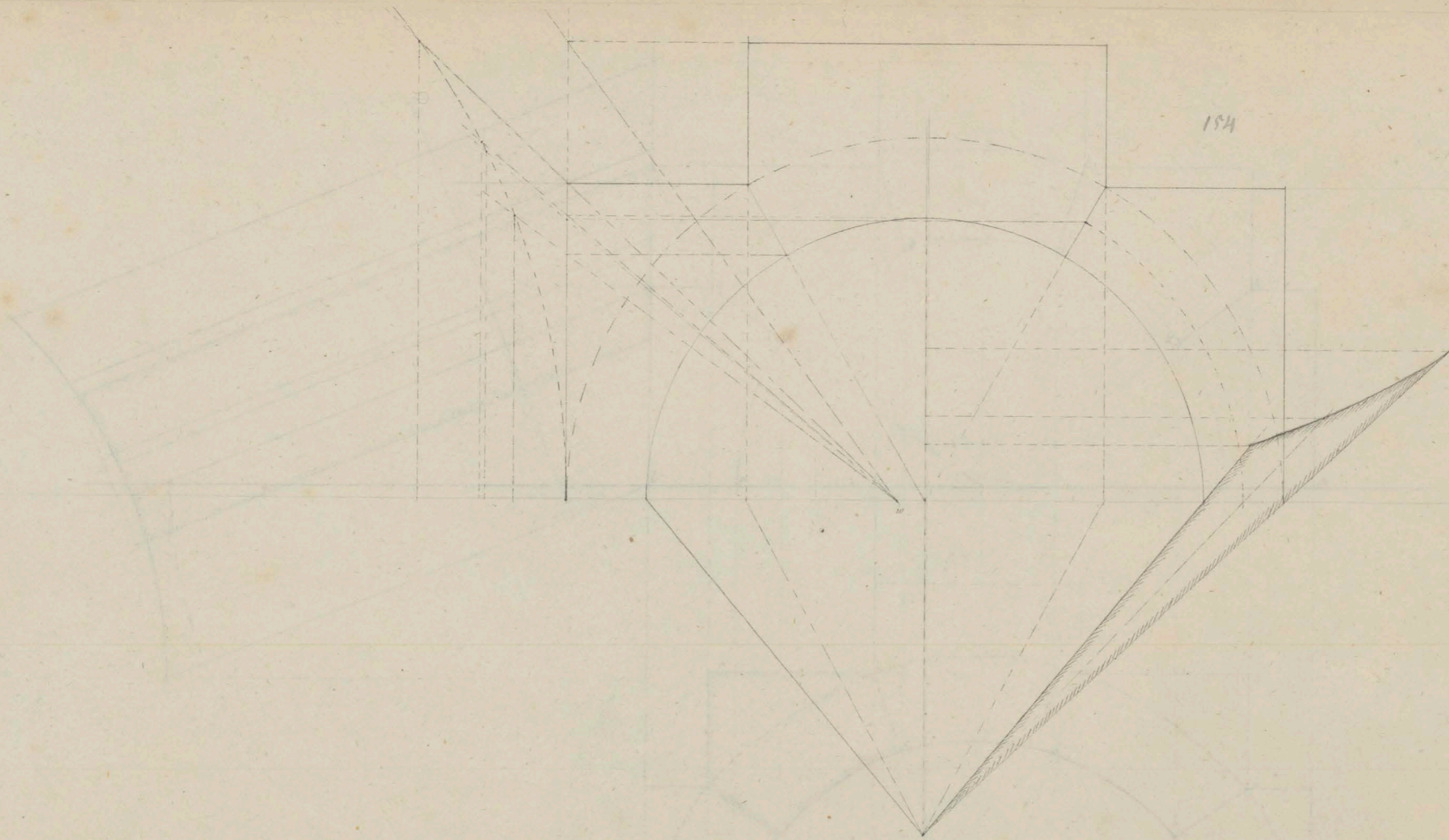




158



154

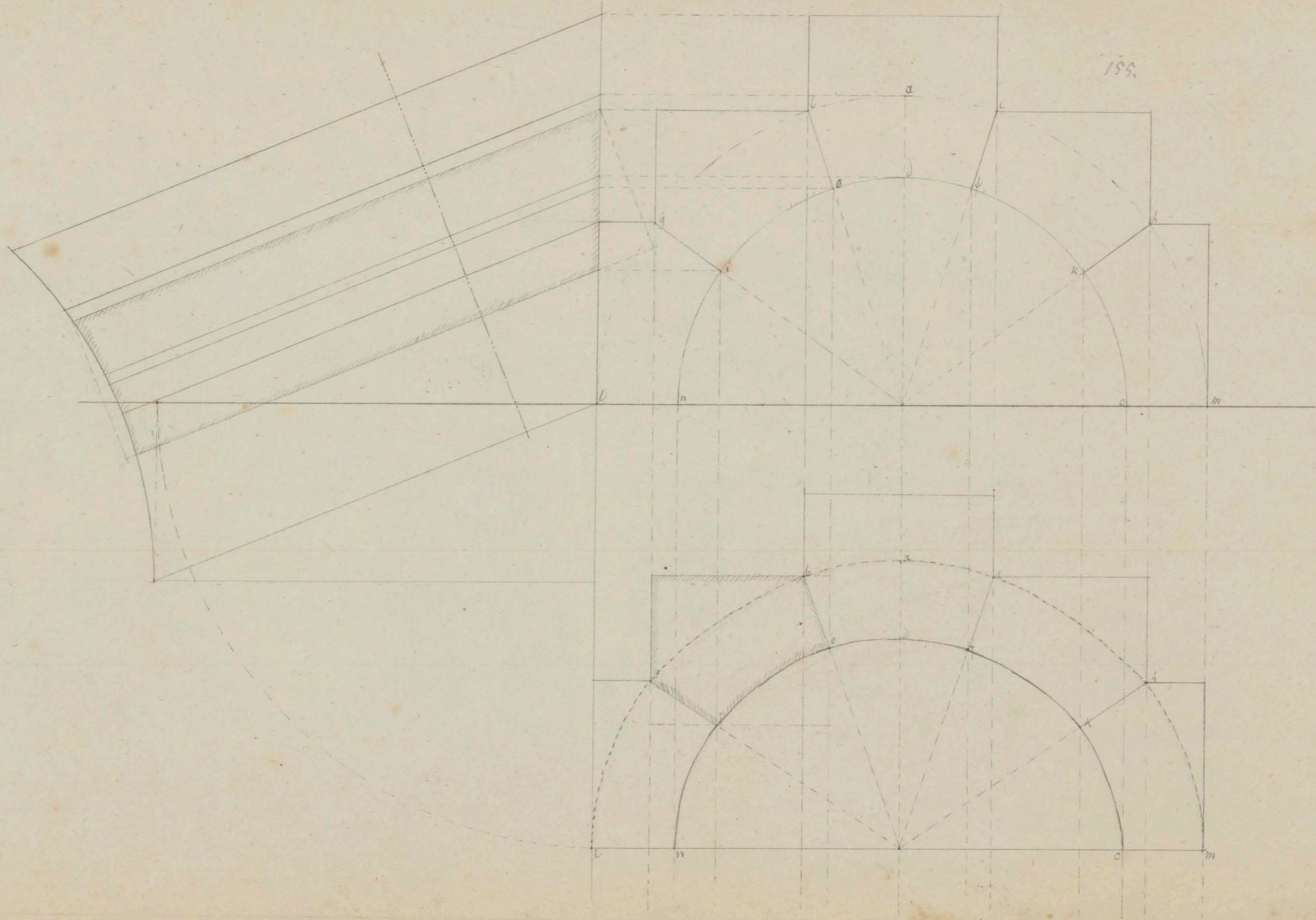


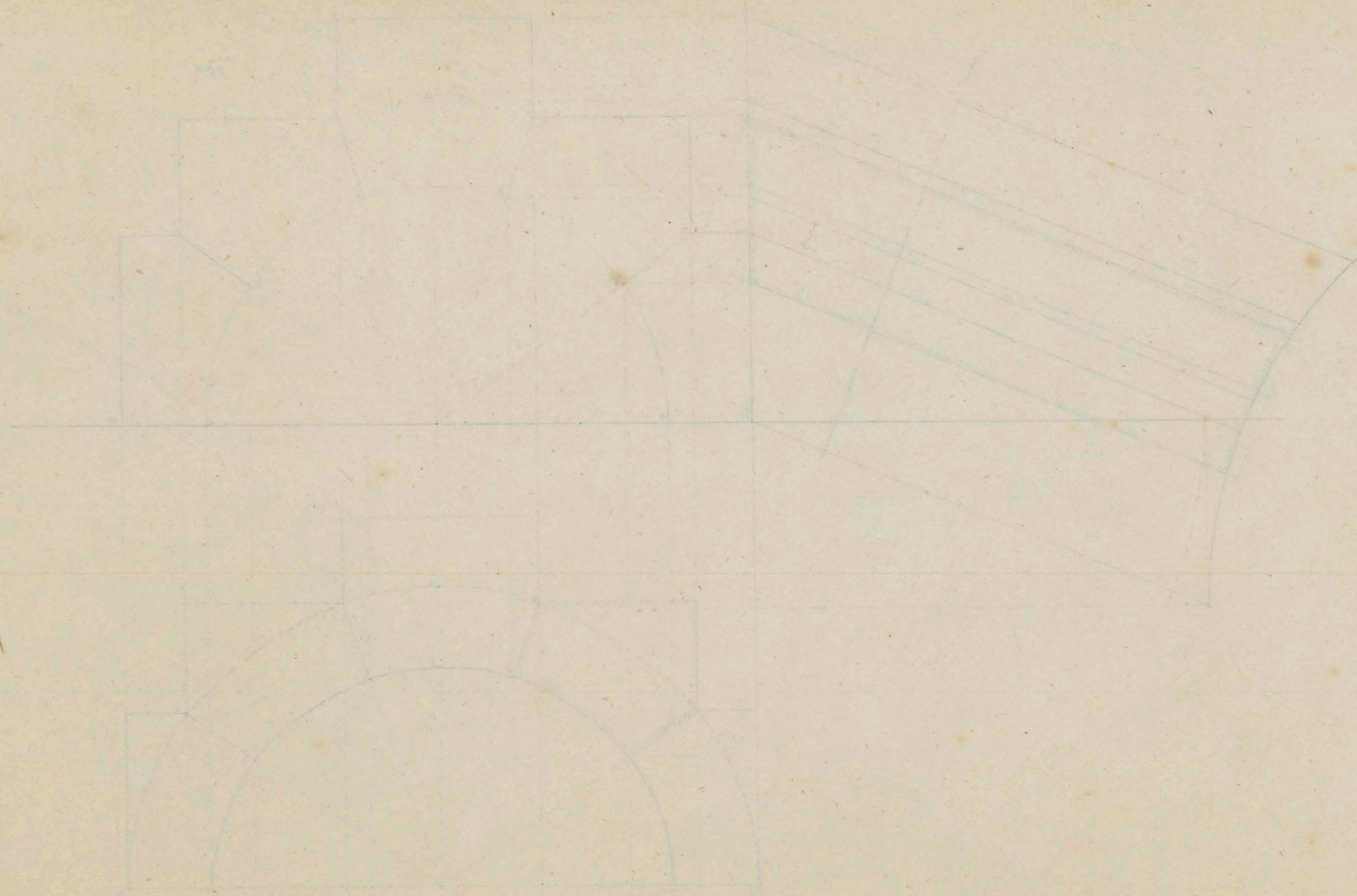
22

191

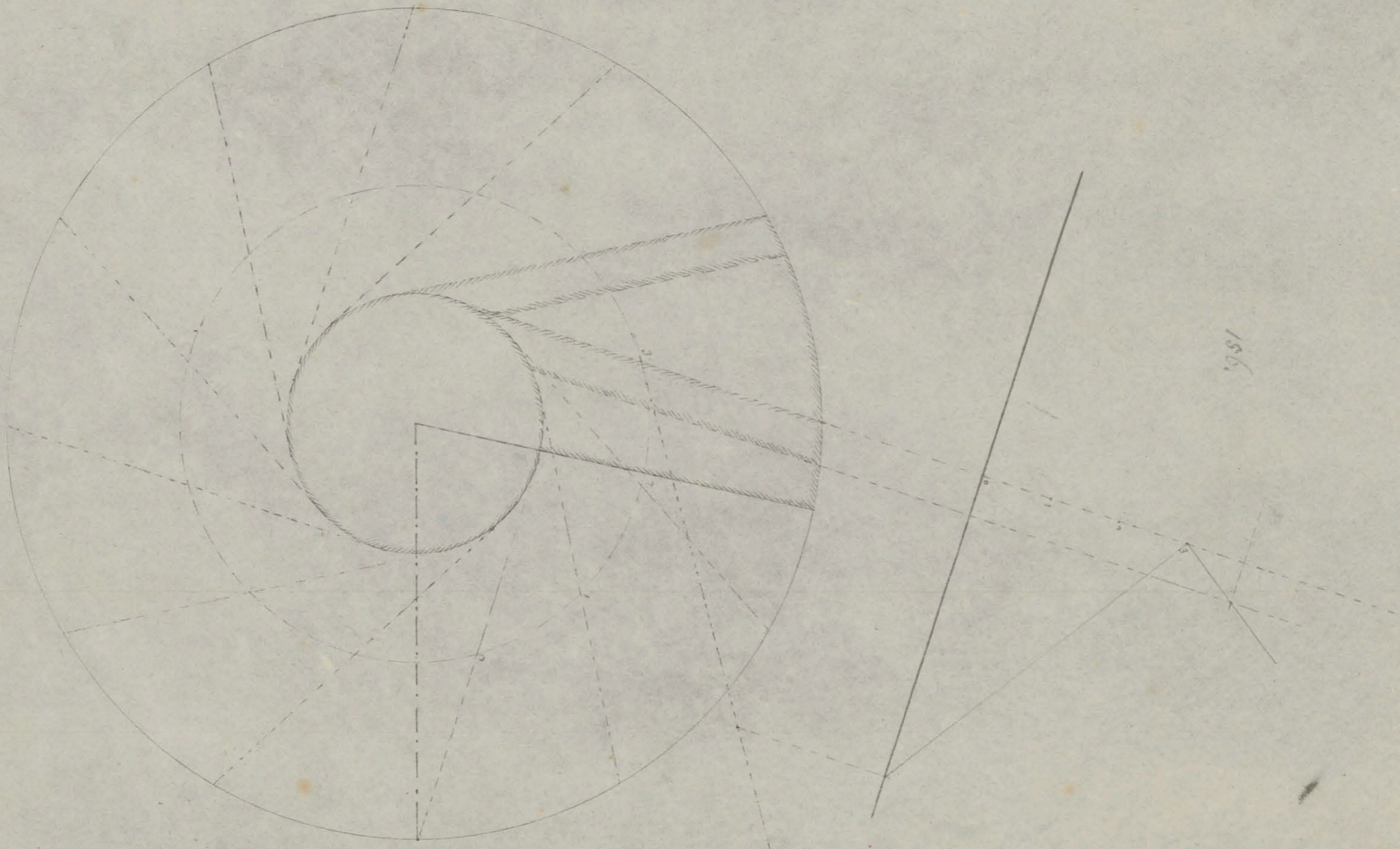


155.









156

