

## Werk

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**Autor:** Gauß, Carl Friedrich

**Ort:** Ohne Ort

**Kollektion:** nachlaesse

**Signatur:** Cod. Ms. Gauß Math. 33

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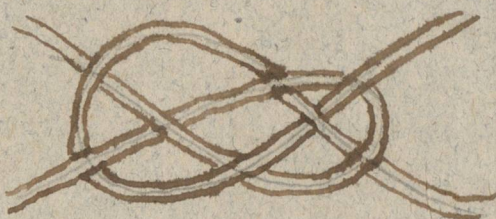
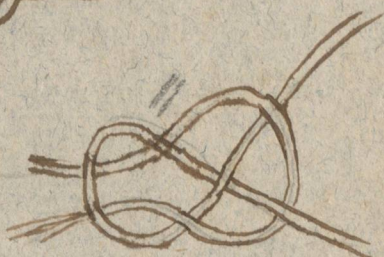
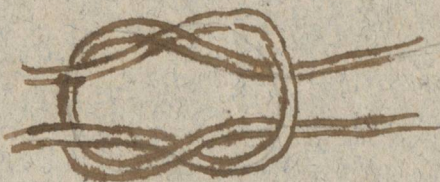
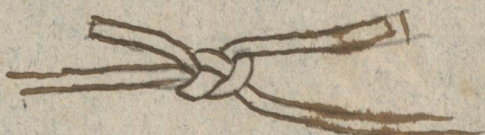
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Guys, Math 33

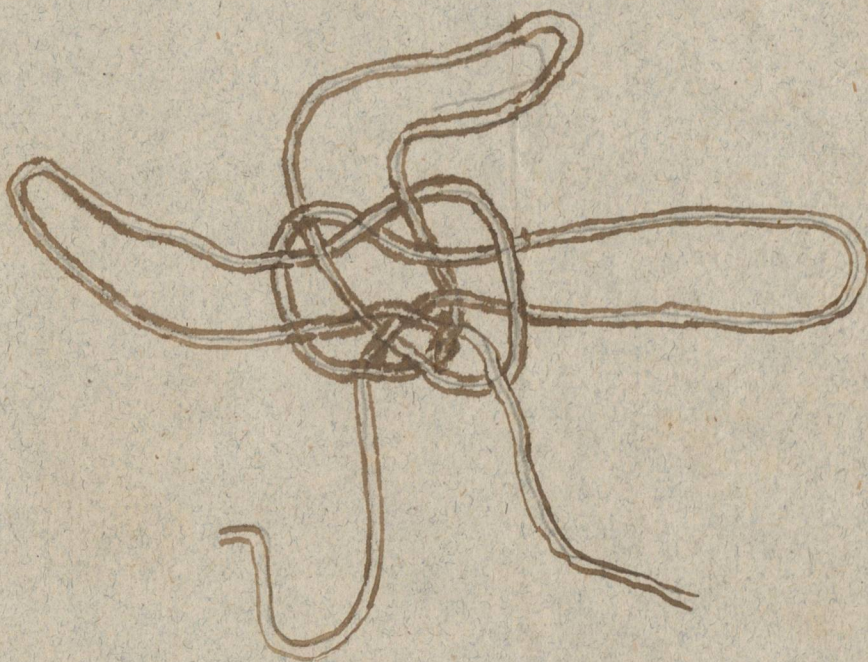
Weber Kn.

487/1

(1)



Weber Kn.





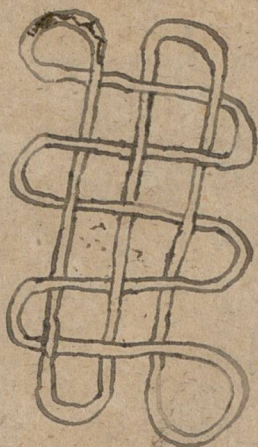
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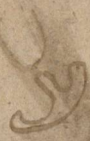
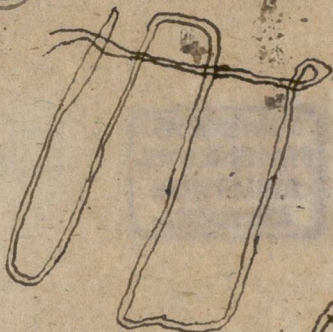
Grupp, Math 33

~~Grupp~~ Grupp  
1819,  
481/2

(2)



*Gauss*



A. Plini Caccidii recandi Epistolae  
H. 810



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7 67  
J.F.E. Gaups. 1794

(3)

A collection of knots.

1. thumb knot



of which taylor's make use of

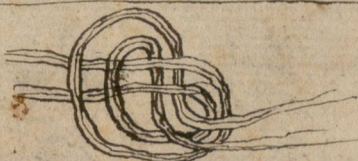
2. loop. knot



3 Draw knot



4 ring knot



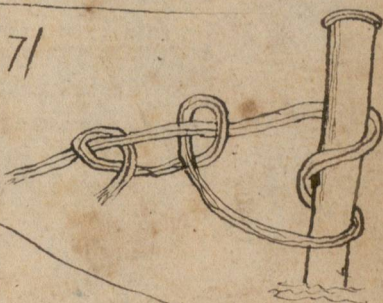
5/



6 running knot



7/



8/



Drawn at a, b it will close.  
but drawn at c, d it will open again.

56.4



9/ fishers knot or water knot

4. ~~3~~ ~~times~~ twice drawn through  
the ring.

---

10/ mefairs knot



11. barbers knot is the same but the two  
upper ends laid across

12/ bowline knot



13 a wale knot

Andreas Friedrich Zerkow

Riedl Beiträge zur Theorie der Schen-  
winkel. Wien 1827. 8.

C. J. S. Graves and

Philosophiae Newtonianae

N. 45.



Math 33

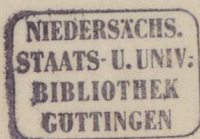
abcd  
acbd  
abed  
acbd  
acdb  
adbc  
adcb  
bacd  
badc  
bcad  
bcda  
bdac  
bdca

a. bc. d  
a. bd. c  
a. cd. b  
b. ac. d  
b. ad. c  
b. dc. a

a. bcd  
b. acd  
c. abd  
d. abc

ab cd  
ac bd  
ad bc  
bc ad  
bd ac  
cd ab

(4) 487/4





$$p (c_{1,2}) z = (c_{1,2}) \quad C$$

$D$

$$[(c_{1,2}) + n] z = (c_{1,2}) + nD$$

$$z = \frac{(c_{1,2}) C + nD}{(c_{1,2}) + n}$$

$$z = \frac{pC + nD}{(c_{1,2}) + n}$$

$$D = C + \gamma$$

$$\left. \frac{(c_{1,2}) C + n(C + \gamma)}{(c_{1,2}) + n} \right| \frac{pC + n(C + \gamma)}{p + n}$$

$$C + \frac{n\gamma}{(c_{1,2}) + n}$$

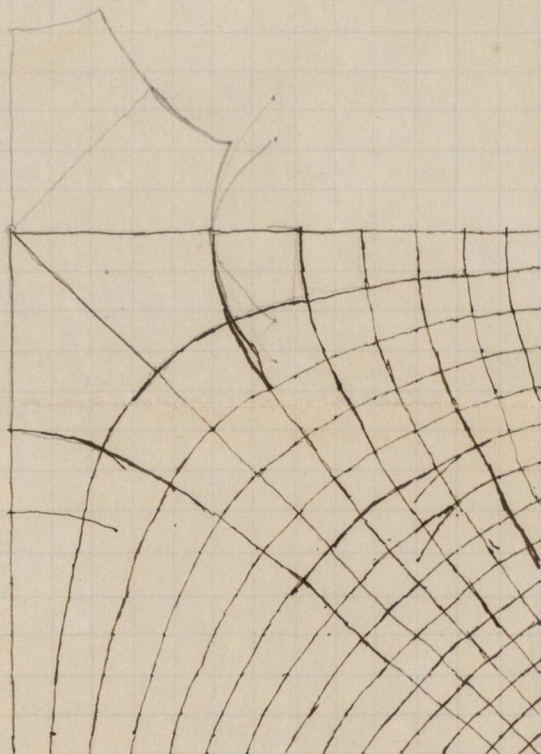
$$C + \frac{n\gamma}{p + n}$$



Math 33

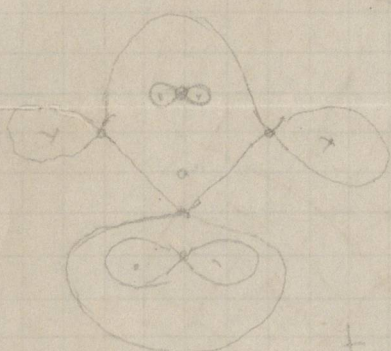
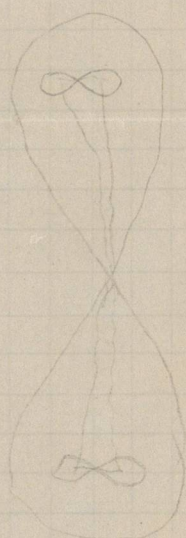
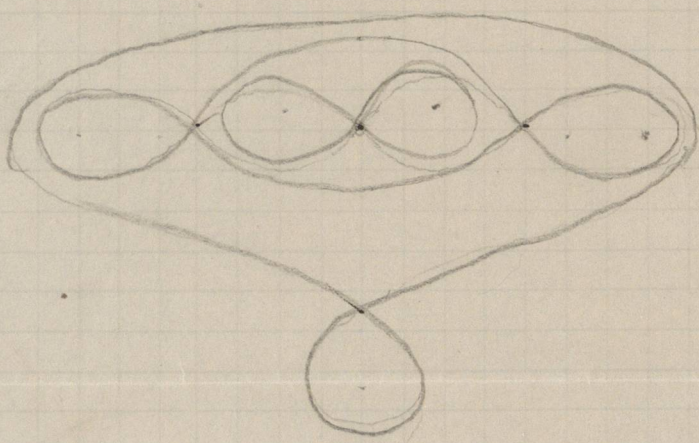
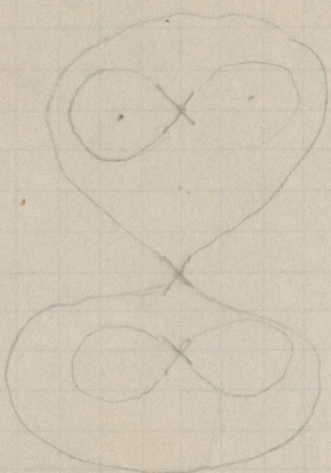
5

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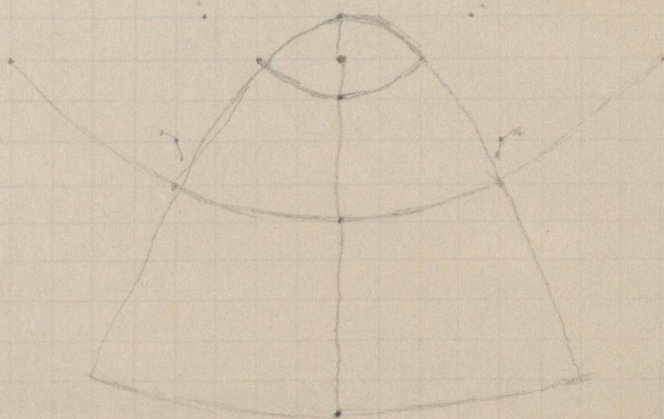




|    |     |      |          |
|----|-----|------|----------|
| -3 | 165 | -3+i | +27-218i |
| -2 | 23  | -2+i | -25-38i  |
| -1 | 1   | -    | -        |
| 0  | 3   | +i   | +9-2i    |
| +1 | 5   | -    | -        |
| +2 | 35  | +2+i | -17+82i  |
| +3 | 273 | +3+i | +99+322i |



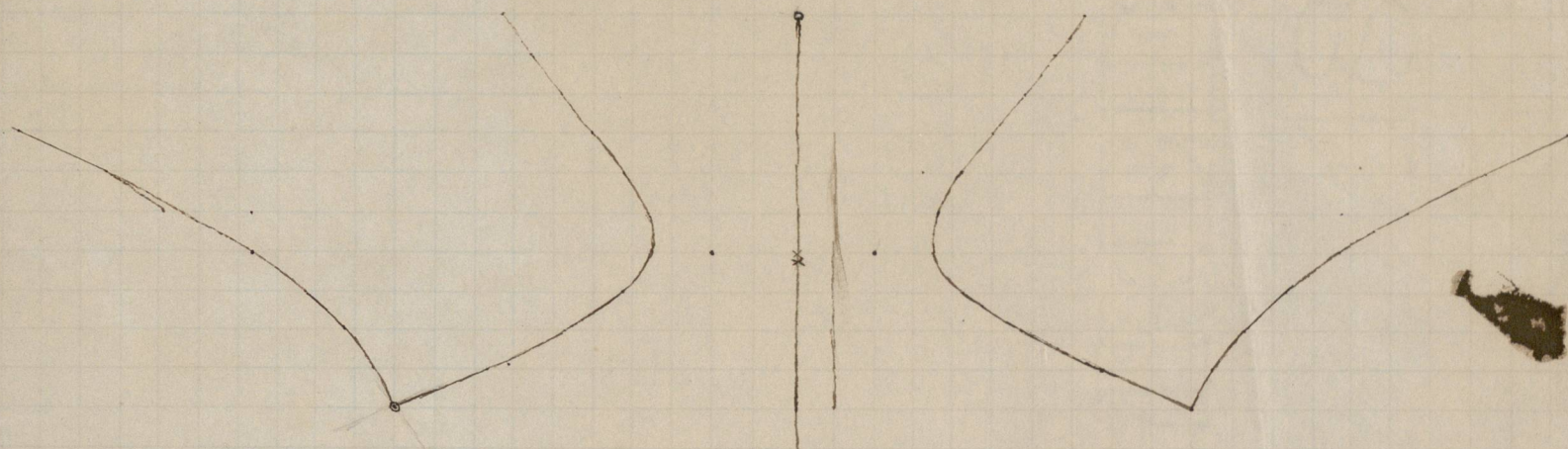
+256  
-4027  
+3232



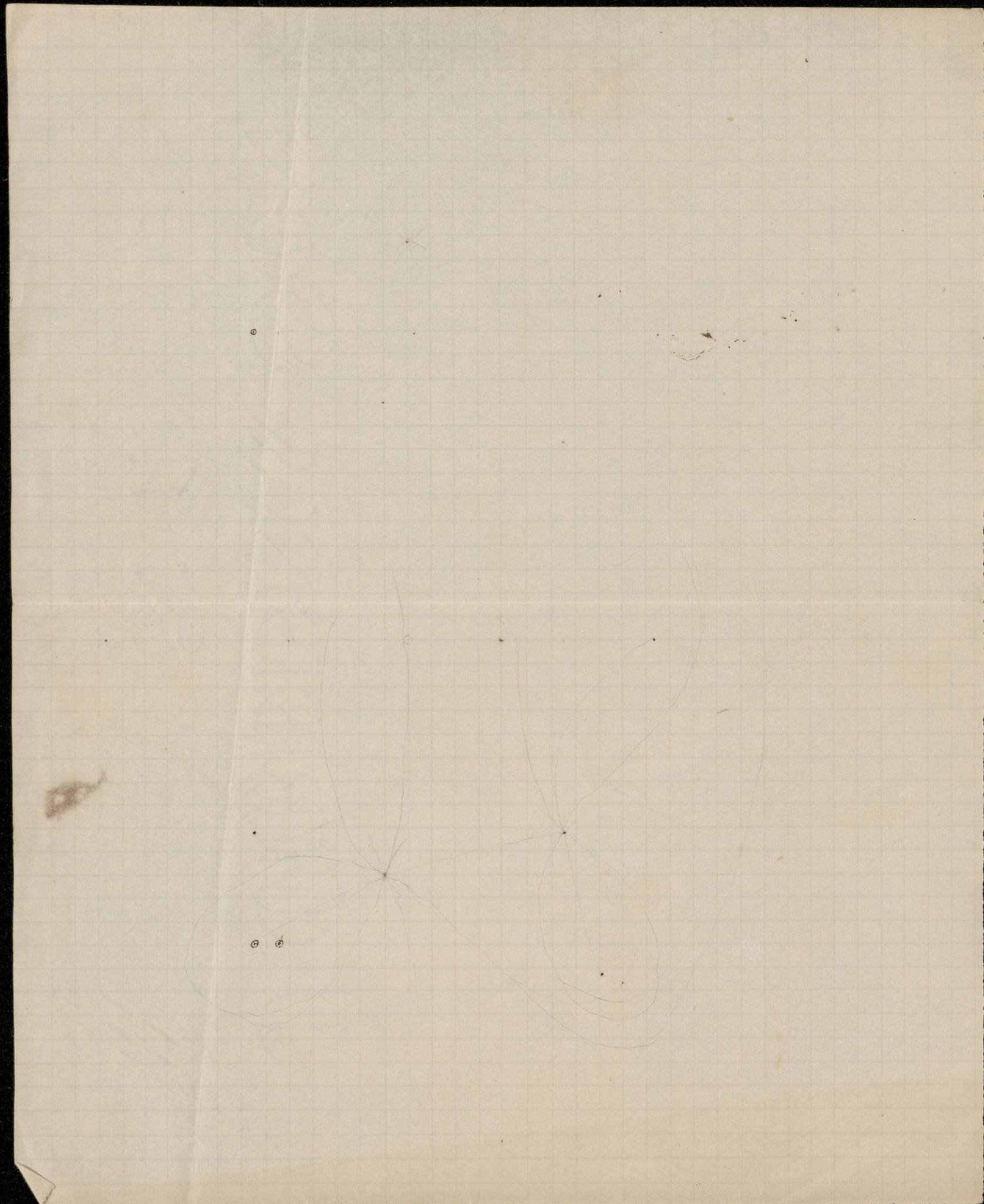


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[Nach 1831: WZ]



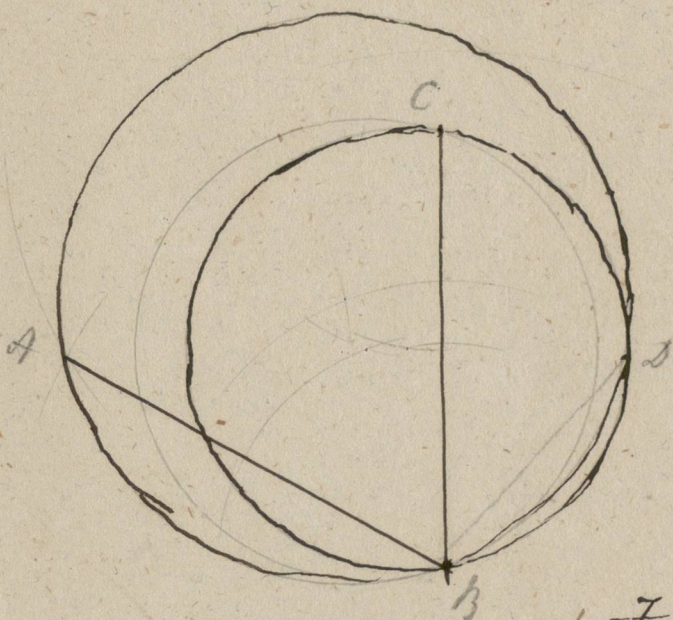






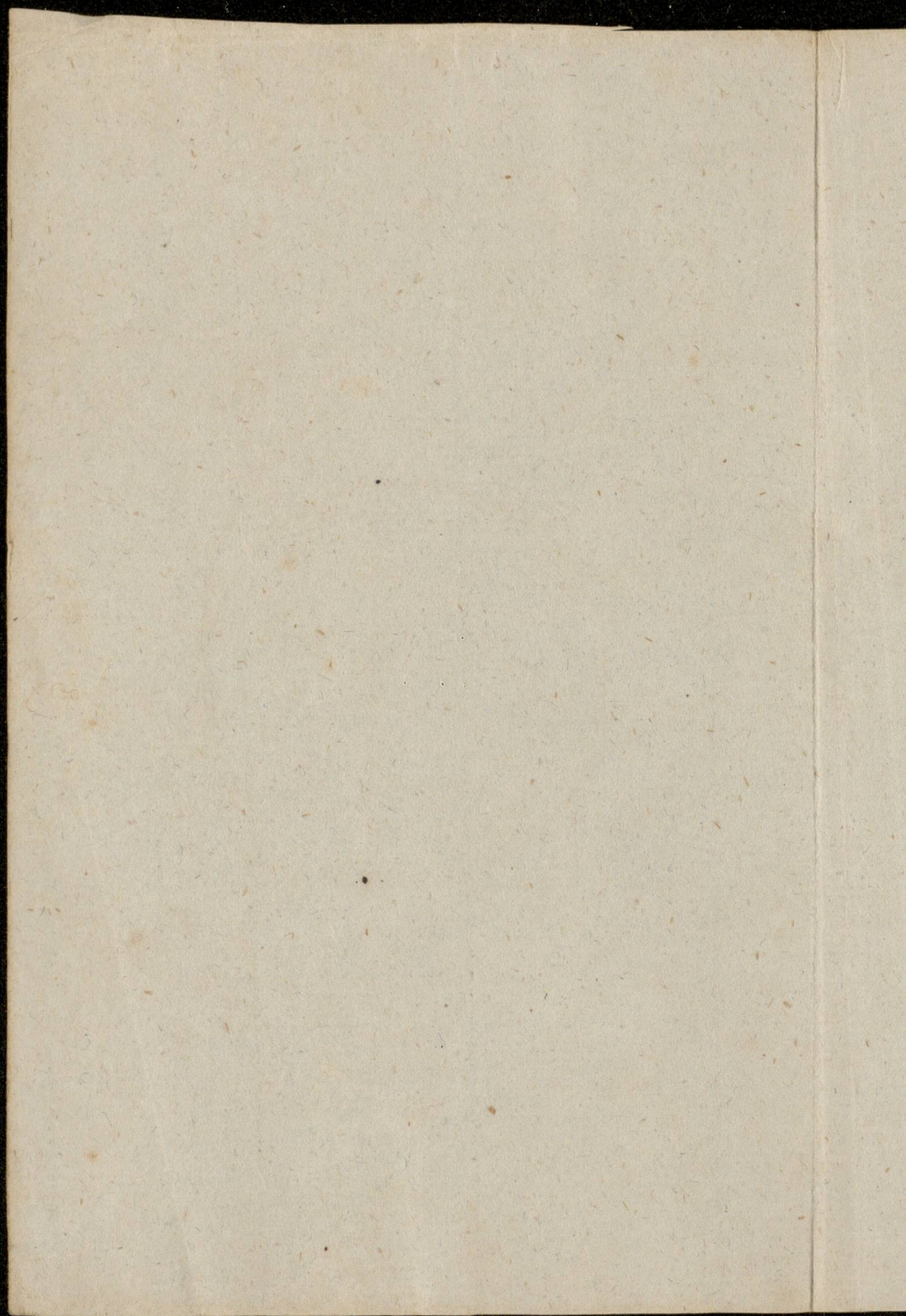
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Math 33

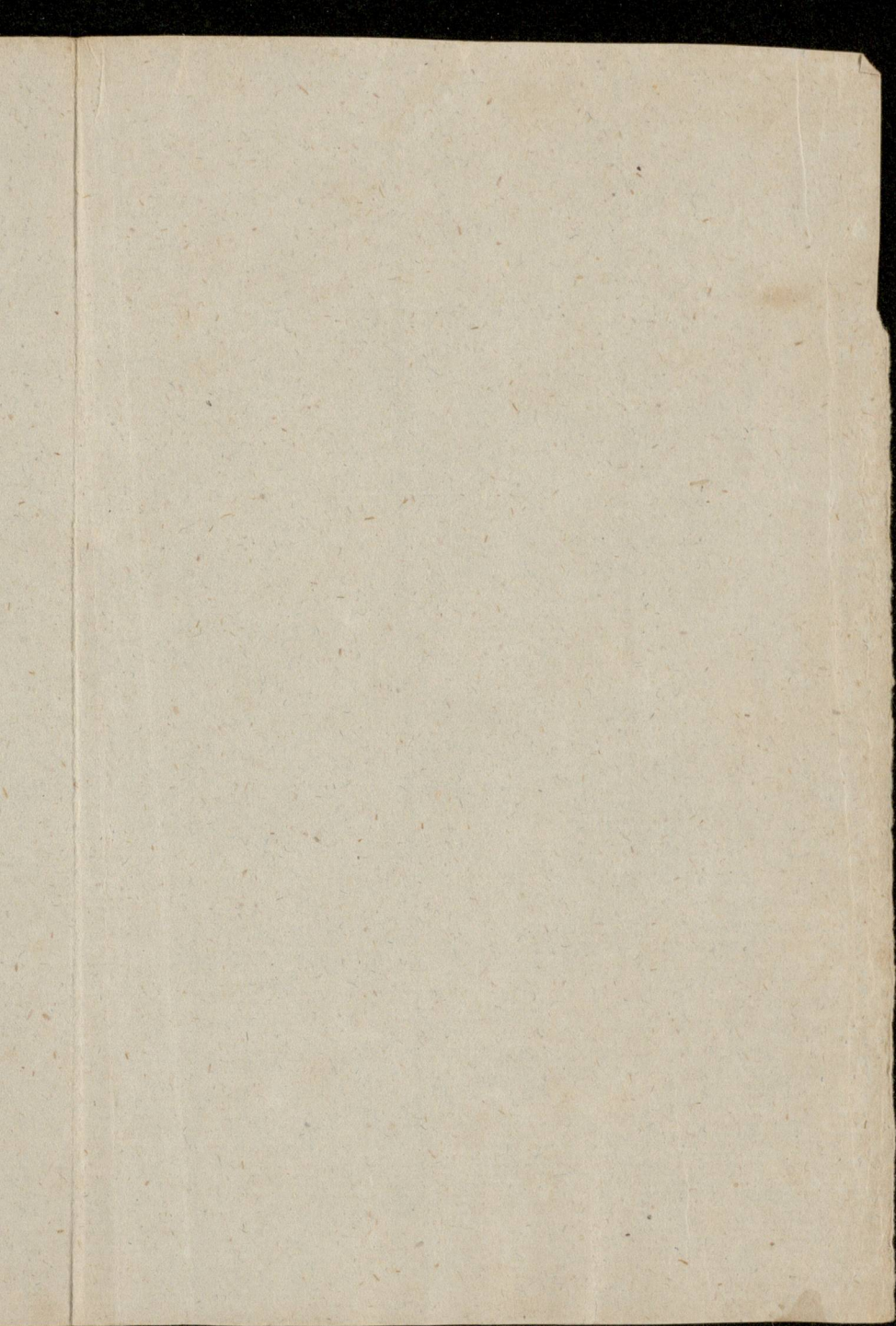


7  
L  
L

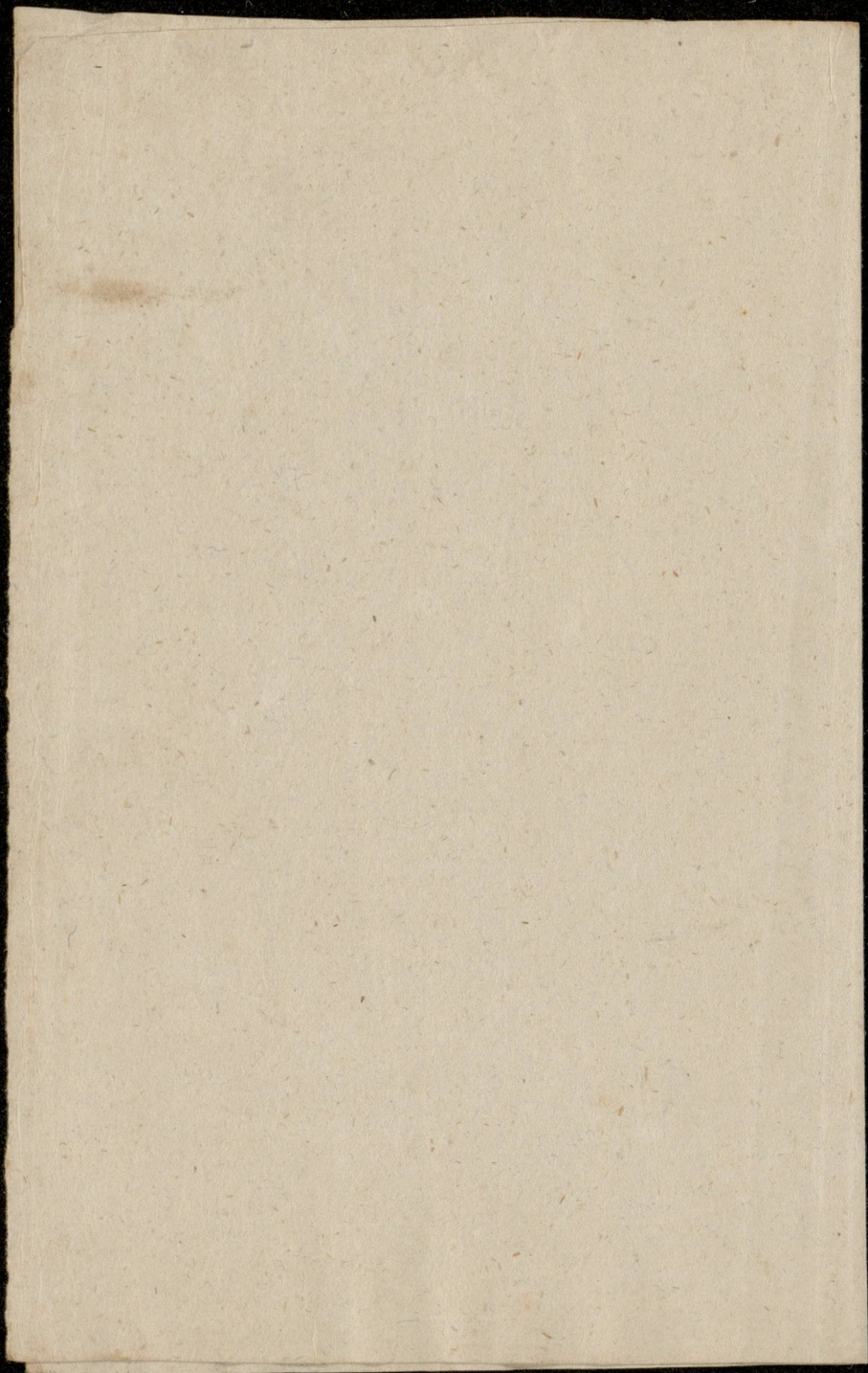


















I 25.  
0,9615384  
 24.0384612

II 49.038461  
188609.5  
 47.15236.6

III 72.15236.6  
277509.1  
 69.37727.9

IV 94.37727.5  
3629895  
 90.747380

V 115.747380  
4451822  
 111.295558

VI 136.295558  
5242137  
 131.053421

VII 156.053421  
6002055  
 150.051366

VIII 175.051366  
6732745  
 168.318621

64

I 0,0170333 393  
1022000 358  
 68133 3572

II 1090133 7552  
136266 7144  
 9098662 848

III 1 288  
3.19312  
 63778  
 55534  
 90987

IV 81258029189  
918741970811

V

VI

VII

VIII

2300

16 46,6091

36076183  
 10961  
 2775091

$a \leq a$

$f_a - f(b-1) - 25 \cdot 36298952$

471886375  
 8921126

57873690  
 56227  
 44518223

$f^1 + f^2 + f^3 + \dots + f^n = f_n$

$26f^1 + 25f^2 + \dots + 25f^{n-1} = 26f_n$

$26f^0 + 25f^n = f_n$

68147  
 75  
 52421

1879  
 87525683  
 9479  
 6732745



enthält ⑧

Gb

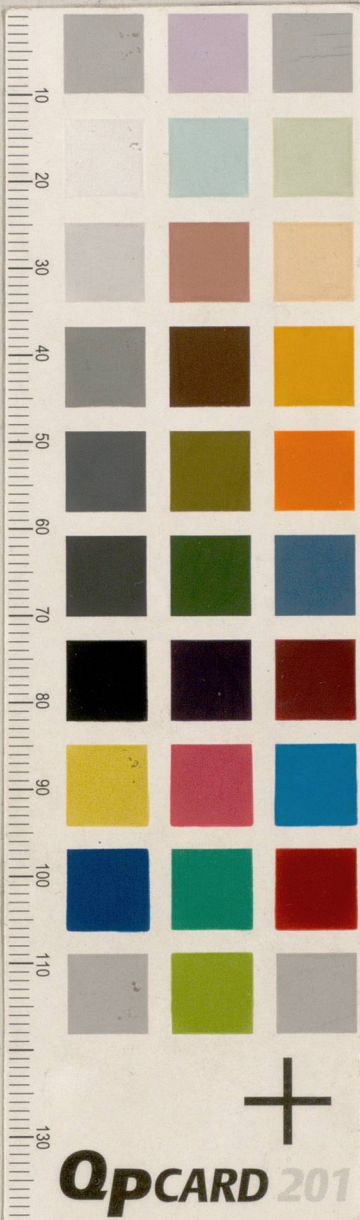
Geometrie

Gauss









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