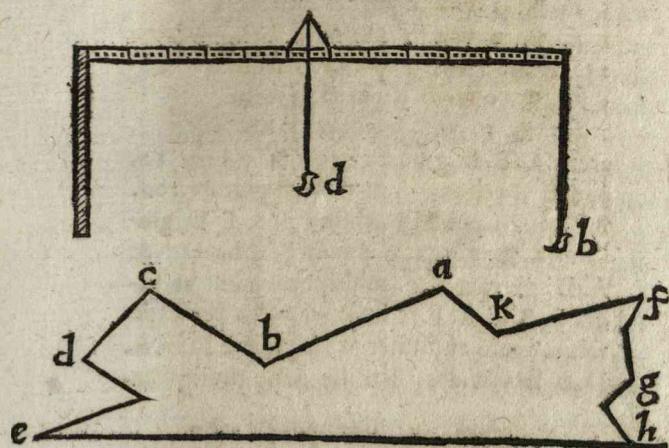


# De Mensura superficierum.

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exempli in A ita quod perpendiculum medium cadat super medium trigoni & dices.  
1. deinde considera vbi in directo est perpendiculum extreum quod est B & ibi fige palum giucatæ & dices 2. deinde considera



vbi perpendiculum B cadit in directo & ibi figes palum giucatæ & dices 3. & ita facies donec peruenias ad punctum H numerando nouempedas & post reuerteris ad A summitatem montis & numerabis plantando giucatam versus punctū deinde aggregabis dictas mensuras & nota quod semper melius & præcisius mensuratur mons descendendo quam ascendendo & ita poteris in longum & latum mensurare fundamentum cuiuslibet montis & altitudinis, sed superficies superior montis mensuratur cum giucata simplici absque alio artificio sicut aliæ planicies.

Pro mensura autem portionis circuli primo animaduerte hanc tabulam.

## Corda Arcus

gr.	m.	gr.	m.	sec.
1	0	1	0	2
2	0	2	0	5
3	0	3	0	10
4	0	4	0	17
5	0	5	0	30
6	0	6	0	47
7	0	7	1	9
8	0	8	1	36
9	0	9	2	12
10	0	10	2	56
11	0	11	3	50
12	0	12	4	55
13	0	13	6	23
14	0	14	8	8
15	0	15	9	57
16	0	16	12	6
17	0	17	14	32
18	0	18	17	20
19	0	19	20	21
20	0	20	23	49
21	0	21	27	54
22	0	22	32	8
23	0	23	36	53
24	0	24	41	55
25	0	25	47	33
26	0	26	53	41
27	0	28	1	7
28	0	29	8	35
29	0	30	16	47
30	0	31	25	44

Tom. IV.

## Corda Arcus

gr.	m.	gr.	m.	sec.
31	0	32	35	37
32	0	33	46	2
33	0	34	57	12
34	0	36	9	33
35	0	37	22	56
36	0	38	37	23
37	0	39	53	10
38	0	41	10	5
39	0	42	28	12
40	0	43	48	5
41	0	45	10	24
42	0	46	32	14
43	0	47	57	41
44	0	49	24	45
45	0	50	54	15
46	0	52	26	20
47	0	54	1	17
48	0	55	39	35
49	0	57	21	31
49	30	58	13	54
50	0	59	7	32
50	30	60	2	38
51	0	60	58	58
51	30	61	56	42
52	0	62	56	4
52	30	63	57	6
53	0	65	0	5
53	30	66	4	59
54	0	67	12	46
54	30	68	23	4
55	0	69	36	14
55	30	70	53	16
56	0	72	14	41
56	20	73	12	19
56	40	74	10	55
57	0	75	13	23
57	20	76	19	17
57	40	77	19	25
58	0	78	44	41
58	15	79	45	11
58	30	80	50	8
58	45	82	0	40
59	0	83	18	21
59	15	84	47	0
59	25	85	54	2
59	30	86	30	53
59	35	87	12	28
59	40	87	57	14
59	45	88	47	3
59	50	89	47	25
59	55	91	7	15
59	57	91	60	49
60	0	94	15	43

In hac tabula tota diameter supponitur longitudinis 60. graduum quare supposita proportione circumferentia circuli ad diametrum vt 22. ad 7. erit dimidium circumferentia circuli gra. 94. m. 15. sec. 43. & est satis præcisa hæc operatio dato quod vera proportio circumferentia circuli ad diametrum sit quasi 245. ad 78.

Et in hac tabula disposuimus cordas per gradus usque ad 49. deinde per dimidios gradus usque ad 56. & ita diminuendo ut apprehendatur differentia in arcu non multum excedens ut in exemplo.

L 2

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