

PROBLEMA I.

7

Majoris lucis causa apposuimus Tabulam 2. ubi lineis trans-  
 versis distinximus Cognationem de 3, & de 4. & de 5. Sic  
 tamen ut cognationes priores sint sequenti communes, &  
 per consequens tota tabula sit cognationum numeri 5. utque  
 manifestum esset quæ cognationes numeri sequentis ex  
 cognationibus antecedentis addito singulis novo hospite  
 orirentur, linea deorsum tendente combinationes à novo  
 hospite distinximus.

EXPONENTES.

Tab. N.

	I	II	III	IIII	V	VI	VII	VIII	IX	X	XI	XII	
I	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	0	1	3	6	10	15	21	28	36	45	55	66
3	0	0	0	1	4	10	20	35	56	84	120	165	220
4	0	0	0	0	1	5	15	35	70	126	210	330	495
5	0	0	0	0	0	1	6	21	56	126	252	462	792
6	0	0	0	0	0	0	1	7	28	84	210	462	924
7	0	0	0	0	0	0	0	1	8	36	120	330	792
8	0	0	0	0	0	0	0	0	1	9	45	165	495
9	0	0	0	0	0	0	0	0	0	1	10	55	220
10	0	0	0	0	0	0	0	0	0	0	1	11	66
11	0	0	0	0	0	0	0	0	0	0	0	1	12
12	0	0	0	0	0	0	0	0	0	0	0	0	1

COMPLEXIONES

\* | 0 | 1. 3. 7. 15. 31. 63. 127. 255. 511. 1023. 2047. 4095.

† | 1. | 2. 4. 8. 16. 32. 64. 128. 256. 512. 1024. 2048. 4096.

Complexiones simpliciter \* (seu summa Complexionum  
 dato exponente) addita unitate, quæ coincidunt cum ter-  
 minis progressionis geometricæ, duplæ. †

Tab. 2.

67