

## §. 82. Ausdrücke der Größen [1], [2], [3] ... durch die Factoren I, II, III....

Bildet man aus den im vorigen §. aufgeführten Bedingungsgleichungen, und nach der im §. 79. ertheilten Vorschrift, die daselbst unter Gl. 9. aufgeführten Ausdrücke, so erhält man:

- §. 20.  $\{[1] = + \text{I}$
- §. 21.  $\begin{cases} [2] = - \text{I} + \text{II} \\ [3] = + \text{I} \end{cases}$
- §. 22.  $\begin{cases} [4] = - \text{V} - 2,3510 \text{ VI} \\ [5] = - \text{II} + \text{III} + \text{V} + 2,1954 \text{ VI} \\ [6] = + \text{II} \\ [7] = - \text{VIII} - 0,6745 \text{ IX} - \text{X} + 0,5433 \text{ XII} \\ [8] = + \text{X} - 2,5580 \text{ XII} \end{cases}$
- §. 23.  $\begin{cases} [9] = + \text{IV} + \text{V} + \text{VIII} + 0,1335 \text{ IX} + 2,0147 \text{ XII} \\ [10] = + \text{I} - \text{II} \\ [11] = + \text{II} - \text{III} - \text{V} \\ [12] = - \text{IV} + 1,0896 \text{ VI} + \text{VII} \end{cases}$
- §. 24.  $\begin{cases} [13] = - \text{III} + \text{IV} - 2,1384 \text{ VI} \\ [14] = + \text{III} + 1,0488 \text{ VI} \\ [15] = + \text{V} - 2,8469 \text{ VI} \\ [16] = + \text{IV} + 0,6987 \text{ VI} - \text{VII} - 0,8355 \text{ IX} \end{cases}$
- §. 25.  $\begin{cases} [17] = + \text{VII} + \text{VIII} + 0,1368 \text{ IX} - \text{XI} - 0,3821 \text{ XII} \\ [18] = + \text{XI} + 1,4647 \text{ XII} \\ [19] = - \text{XIII} + \text{XIV} \\ [20] = - \text{X} - \text{XI} + \text{XIII} + \text{XV} \end{cases}$
- §. 26.  $\begin{cases} [21] = - \text{VII} - \text{VIII} + 0,9519 \text{ IX} + \text{XI} \\ [22] = + \text{VIII} - 1,7264 \text{ IX} + \text{X} \\ [23] = + \text{VII} + 0,7745 \text{ IX} \\ [24] = - \text{X} - 0,2808 \text{ XII} \end{cases}$
- §. 27.  $\begin{cases} [25] = + \text{X} + \text{XI} + 0,0623 \text{ XII} - \text{XIII} - \text{XV} - 1,5597 \text{ XVI} \\ [26] = + \text{XV} + 1,6232 \text{ XVI} \\ [27] = + \text{XIII} - 0,0635 \text{ XVI} \end{cases}$
- §. 28.  $\begin{cases} [28] = + \text{XIII} - \text{XIV} + 1,8280 \text{ XVI} \\ [29] = + \text{XIV} - 1,4142 \text{ XVI} - \text{XVII} \\ [30] = + \text{XVII} \end{cases}$
- §. 29.  $\begin{cases} [31] = - \text{XVII} + \text{XVIII} \\ [32] = - \text{XIV} - 0,2167 \text{ XVI} + \text{XVII} \\ [33] = - \text{XV} + 0,6926 \text{ XVI} \\ [34] = + \text{XIV} + \text{XV} - 0,4759 \text{ XVI} \end{cases}$

§. 30.	$\begin{cases} [35] = - \text{XVIII} + \text{XIX} \\ [36] = + \text{XVIII} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [37] = + \text{XVII} - \text{XVIII} \\ [38] = + \text{XVIII} - \text{XIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 31.	$\begin{cases} [39] = + \text{XIX} - \text{XX} \\ [40] = + \text{XX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [41] = - \text{XXI} + \text{XXIII} \\ [42] = - \text{XX} + \text{XXI} + \text{XXII} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 32.	$\begin{cases} [43] = - \text{XIX} + \text{XX} \\ [44] = + \text{XIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [45] = + \text{XX} - \text{XXI} - \text{XXII} - 1,0795 \text{ XXIV} \\ [46] = + \text{XXII} + 1,2804 \text{ XXIV} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 33.	$\begin{cases} [47] = + \text{XXI} - 0,2009 \text{ XXIV} \\ [48] = + \text{XXI} - \text{XXIII} + 1,8942 \text{ XXIV} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [49] = + \text{XXIII} - 0,7384 \text{ XXIV} - \text{XXV} - 0,5926 \text{ XXVI} \\ [50] = + \text{XXV} + 0,7430 \text{ XXVI} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 34.	$\begin{cases} [51] = - 0,4504 \text{ XXVI} \\ [52] = + 0,7311 \text{ XXVI} - 1,8280 \text{ XXIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [53] = - \text{XXIII} - 0,2795 \text{ XXIV} + \text{XXV} - 0,0415 \text{ XXVI} \\ [54] = - \text{XXII} + 1,7705 \text{ XXIV} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 35.	$\begin{cases} [55] = + \text{XXII} + \text{XXIII} - 1,4910 \text{ XXIV} \\ [56] = - \text{XXVII} - 1,1227 \text{ XXIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [57] = - \text{XXV} + 0,2359 \text{ XXVI} \\ [58] = + \text{XXV} + 0,5713 \text{ XXVI} - \text{XXVII} - 0,6896 \text{ XXIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 36.	$\begin{cases} [59] = + \text{XXVII} - \text{XXVIII} \\ [60] = + \text{XXVIII} - 1,3999 \text{ XXIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [61] = - \text{XXX} + \text{XXXI} \\ [62] = - \text{XXVIII} - 0,6045 \text{ XXIX} + \text{XXX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 37.	$\begin{cases} [63] = - \text{XXVII} + \text{XXVIII} + 2,2482 \text{ XXIX} \\ [64] = + \text{XXVII} - 1,6437 \text{ XXIX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [65] = + \text{XXVIII} - 0,3243 \text{ XXIX} - \text{XXX} \\ [66] = + \text{XXX} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 38.	$\begin{cases} [67] = - 3,6591 \text{ XXIX} \\ [68] = + \text{XXX} - \text{XXXI} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [69] = + \text{XXXI} - \text{XXXII} \\ [70] = + \text{XXXII} - \text{XXXIII} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 39.	$\begin{cases} [71] = + \text{XXXIII} \\ [72] = 0 \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
	$\begin{cases} [73] = - \text{XXXII} \\ [74] = - \text{XXXI} + \text{XXXII} \end{cases}$	$\text{LXXX} + \text{LXXX} = - [101]$
§. 40.	$[75] = + \text{XXXI}$	$\text{LXXX} + \text{LXXX} = - [101]$

§. 41.	[76] = - XXXIII + XXXIV	ZIX + HVX - = [63]
	[77] = - XXXII + XXXIII	HVX + HVX - = [63]
	[78] = + XXXII	HVX - HVX + = [63]
	[79] = 0	XIX - HVX + = [63]
	[80] = 0	XIX - HVX + = [63]
§. 42.	[81] = 0	XIX - HVX + = [63]
	[82] = + XXXIII - XXXIV	HIXX + IXZ - = [16]
	[83] = + XXXIV - XXXV	HIXX + IXZ + IX - = [26]
§. 43.	[84] = + XXXV	IXZ + IXZ - = [16]
	[85] = - XXXV + XXXVI	HIXX - HIXX - = [16]
	[86] = - XXXIV + XXXV	HIXX - HIXX + = [16]
	[87] = + XXXIV	HIXX - HIXX + = [16]
§. 44.	[88] = + XXXV - XXXVI	HIXX - HIXX + = [16]
	[89] = + XXXVI - XXXVII - XXXVIII - 0,4834 XL - 1,1367 XLVI	HIXX - HIXX - = [16]
	[90] = + XXXVII + 1,1367 XL + 4,7420 XLVI	HIXX - HIXX - = [16]
	[91] = + XXXVIII - 0,6533 XL - 3,6053 XLVI	HIXX - HIXX + = [16]
	[92] = - XXXVII - XXXIX + XLI + 7,2765 XLIII + 1,0106 XLVI	HIXX - HIXX + = [16]
§. 45.	[93] = - XXXVIII + XXXIX - 6,2774 XLIII	HIXX - HIXX + = [16]
	[94] = - XXXVI + XXXVII + XXXVIII - 0,0115 XLVI	HIXX - HIXX + = [16]
	[95] = + XXXVI	HIXX - HIXX + = [16]
	[96] = + XLIV	HIXX - HIXX + = [16]
	[97] = - XXXIX + 1,7784 XL + XLII	HIXX - HIXX + = [16]
§. 46.	[98] = - XXXVII + 0,8596 XL	HIXX - HIXX + = [16]
	[99] = + XXXVII + XXXIX - 2,6380 XL - XLI	HIXX - HIXX + = [16]
	[100] = + XXXVIII - XXXIX + 3,7809 XL - 2,7035 XLIII	HIXX - HIXX + = [16]
§. 47.	[101] = + XXXIX - 2,7035 XL - XLII + 6,2336 XLIII + 0,9669 XLVI	HIXX - HIXX + = [16]
	[102] = + XLII - 3,5301 XLIII - XLV	HIXX - HIXX + = [16]
	[103] = + XLV - 0,4610 XLVI	HIXX - HIXX + = [16]
	[104] = 0	HIXX - HIXX + = [16]
§. 48.	[105] = - XLV - 1,6336 XLVI	HIXX - HIXX + = [16]
	[106] = - XLIV + 2,4503 XLVI	HIXX - HIXX + = [16]
	[107] = + XLIV + XLV - 0,8167 XLVI - XLVII	HIXX - HIXX + = [16]
	[108] = + XLVII	HIXX - HIXX + = [16]
	[109] = 0	HIXX - HIXX + = [16]
§. 49.	[110] = - XLIV - XLV - 0,6192 XLVI + XLVII	HIXX - HIXX + = [16]
	[111] = - XLII - 5,7274 XLIII + XLV	HIXX - HIXX + = [16]
	[112] = - XLI + XLII + 5,9054 XLIII + XLIV + 0,7972 XLVI	HIXX - HIXX + = [16]
	[113] = + XLI - 0,1780 XLIII - 0,1780 XLVI	HIXX - HIXX + = [16]
§. 50.	[114] = 0	HIXX - HIXX + = [16]
	[115] = 0	HIXX - HIXX + = [16]
	[116] = - XLVII	HIXX - HIXX + = [16]
	[117] = + XLVII	HIXX - HIXX + = [16]