

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

Aus den im vorigen §. aufgeführten Bedingungsgleichungen findet man, nach §. 79. Gleichung 9. die folgenden Ausdrücke:

$$\text{§. 54. } \begin{cases} [1] = - II + III - 0,8098 V \\ [2] = - I + II + IV + 0,9772 V \\ [3] = + I \end{cases}$$

$$\text{§. 55. } \begin{cases} [4] = + II - III - 0,2096 V \\ [5] = + III - 0,9512 V - VI - 0,9276 XI \\ [6] = + VI - VII + 1,8368 XI \\ [7] = + VII - 0,9092 XI \end{cases}$$

$$\text{§. 56. } \begin{cases} [8] = - X - 3,3068 XI + XIII - 3,3068 XIV \\ [9] = - VI + X + 3,5197 XI + 2,5644 XIV \\ [10] = - III + 2,0137 V + VI - 0,2129 XI \\ [11] = - IV - 2,8623 V \\ [12] = + III + IV + 0,8486 V \end{cases}$$

$$\text{§. 57. } \begin{cases} [13] = - IX + X + XII + 1,0661 XVII \\ [14] = - VIII + IX - 0,3291 XVII \\ [15] = - VII + VIII \\ [16] = - VI + VII \\ [17] = + VI - X \end{cases}$$

$$\text{§. 58. } \begin{cases} [18] = + VII - VIII + 0,4251 XI \\ [19] = + VIII - 0,0966 XI \end{cases}$$

$$\text{§. 59. } \begin{cases} [20] = + VIII - IX + 2,5910 XI - 1,9185 XVII \\ [21] = + IX - 1,9185 XI - XV + 3,5420 XVII - 1,6235 XXI \\ [22] = + XV - 1,6235 XVII - XVIII + 2,0867 XXI \\ [23] = + XVIII - 0,4632 XXI \end{cases}$$

$$\text{§. 60. } \begin{cases} [24] = + X - 1,7512 XI - XIII - 1,7512 XIV \\ [25] = + XII + XIII - 0,0791 XIV - XVI - 0,0516 XXI \\ [26] = - XV + XVI - 0,0843 XXI \\ [27] = 0 \end{cases}$$

$$\text{§. 61. } \begin{cases} [28] = - IX - 0,1640 XI + XV + 0,1359 XXI \\ [29] = - 2,4835 XXI + 1,4203 XXVI \\ [30] = - XVI - 1,0437 XVII + 3,5272 XXI + XXII - 1,2132 XXVI \\ [31] = - XII - XIII + 1,6088 XIV + XVI + 2,6524 XVII - 1,0437 XXI \\ [32] = + XII - 2,5493 XIV - 1,6088 XVII \\ [33] = + XIII + 0,9406 XIV \end{cases}$$

- §. 62. { [34] = 0
 [35] = - XV - 0,8205 XVII + XVIII
 [36] = + XV - XVI + 1,6845 XVII
 [37] = + XVI - 0,8639 XVII - 1,2703 XXI - XXII + 0,2179 XXVI
 [38] = - XX + 1,2703 XXI + XXII + 0,4935 XXVI
 [39] = - XIX + XX - 0,7114 XXVI
- §. 63. { [40] = 0
 [41] = + XVIII - XIX + 1,0481 XXI
 [42] = + XIX - 0,7192 XXI
- §. 64. { [43] = 0
 [44] = + XIX - XX + 1,0770 XXI - 0,6203 XXVI
 [45] = + XX - 0,6203 XXI - XXV + 1,5475 XXVI
 [46] = + XXV - 0,9272 XXVI
- §. 65. { [47] = - XXVII + XXVIII + 3,9415 XXX
 [48] = - XXII + XXIII + 0,9052 XXVI + XXVII - 2,4453 XXX
 [49] = + XXII - 0,2307 XXVI
 [50] = - XX - 0,4195 XXI + XXV
 [51] = + XX + 0,4195 XXI - XXII
 [52] = + XXII - XXIII - XXVII - 0,9303 XXX
 [53] = + XXVII + 0,8647 XXX + 0,0656 XXXI - XXXIII + 0,6577 XXXV - XXXVII
- §. 66. { [54] = + XXIII - XXIV + 0,1186 XXXI - 0,9606 XXXV
 [55] = - XLIX + 0,9468 LIV
 [56] = + XXXIII - XXXIV + 0,3030 XXXV - 0,6577 XL - 0,4499 XLI + 0,6577 XLVI
 [57] = + XLII - 0,3217 XLVI - 0,3217 LIV
 [58] = + XXXVII + 0,0683 XL + 1,7728 XLI
 [59] = - XXIV + XXV + 1,6568 XXVI - 1,6955 XXX - XXXIV - 1,2162 XXXVI
 - 0,4794 XLI - XLIX
 [60] = - XLV + 1,6904 XLVIII
 [61] = - XXXIX + 0,8029 XLI + 0,8029 LXXIII
 [62] = - LXIX - 0,9144 LXXIII
 [63] = - LXI - 1,0195 LXIV
- §. 67. { [64] = - XXIX + 3,5827 XXX + 1,6955 XXXVI - 2,3399 XLVIII + 1,4906 LXIV
 [65] = + XLIX - L
 [66] = + XXIV - 0,6140 XXVI + XXIX - 1,8872 XXX
 [67] = + XXXIV - 0,4794 XXXVI + XXXIX - 0,3236 XLI + XLV + 0,6495 XLVIII
 + L + LXI - 0,4711 LXIV + LXIX + 0,1115 LXXIII
 [68] = 0
 [69] = 0
 [70] = 0

- §. 68. { [71] = - XXXII + 0,2803 XXXV
 [72] = - XXIV - 1,2656 XXVI - XXIX - 0,9454 XXX - 0,3202 XXXI
 [73] = - XXIII + XXIV + 1,7022 XXVI + 1,2656 XXXI - 1,1109 XXXV
 [74] = - XXVIII + XXIX + 1,5673 XXX - 0,9454 XXXI + XXXII + 0,8307 XXXV
 [75] = + XXIII - 0,4366 XXVI + XXVIII - 0,6219 XXX
 [76] = - LIX + LXI
 [77] = + L + LI - 1,8783 LV - 0,7171 LVI + 0,0335 LVII + 0,7171 LXXII
 [78] = - XXXII + XXXIII - 1,1335 XXXVI + XXXVIII + 0,9998 XL + XLIII
 - 0,2177 XLVI - 0,7821 XLVII + 0,9158 XLVIII + 0,9626 LV + LIX
 [79] = + XXXII
 [80] = 0
- §. 69. { [81] = - XXXIV - 0,2030 XXXVI - XXXIX - XLV + 0,3167 XLVIII - L
 - 0,3501 LVII - LXI - LXIX
 [82] = - XXXVIII + XXXIX + 0,1337 XL - XLIV - 0,1337 XLVII - LI - 0,7180 LVI
 - LXVIII + 0,7295 LXXII
 [83] = + LXVIII + LXIX - 1,4466 LXXII
 [84] = - XLIII + XLIV + XLV - 0,9158 XLVI + 0,9158 XLVII - 1,2324 XLVIII
 + 0,9158 LV + 1,4351 LVI + 0,3167 LVII
- §. 70. { [85] = + XXVII - XXVIII
 [86] = + XXVIII - XXIX + 0,2769 XXXI - XXXII + 0,1894 XXXV
 [87] = + XXXII - XXXIII - 0,3315 XXXV - 0,1421 XXXVI - XXXVIII - XLIII
 + 0,6603 XLVIII - LIX + 0,2921 LXIII - 1,0801 LXIV
 [88] = - LIII - LVIII - 0,8865 LXII
 [89] = + XXIX + 0,4049 XXXI + 0,6818 XXXVI - 1,7069 XLVIII + 2,0325 LXIV
 [90] = - XXXVII + XXXVIII
 [91] = + LVIII + LIX + 2,4780 LXII - 0,9524 LXIII - 0,9524 LXIV
 [92] = - XLII + XLIII + 1,0466 XLVIII + LIII - 1,5915 LXII + 0,6603 LXIII
 [93] = - XLIV - 1,3652 XLVII - LII
 [94] = - LXVII - LXVIII + 0,1666 LXXIII
- §. 71. { [95] = + XXXVII - XXXVIII - 1,4656 XL + 1,8551 XLVII
 [96] = - LI + LII + LXVII
 [97] = + XXXVIII - XXXIX + 0,4899 XL + 0,3772 XLI + XLIV - 0,4899 XLVII
 + LI + LXVIII - 0,1456 LXXIII
 [98] = + XXXIX - 0,0210 XLI - 0,0210 LXXIII

- §. 72. { [99] = + XLII - XLIII + 0,3828 XLVI - 0,8499 XLVII - LIII + 0,9514 LIV
+ 0,5687 LV - 0,8194 LXII + 0,2508 LXIII
[100] = - LX + 2,0886 LXII - 0,8145 LXIII - LXV - 1,2964 LXX - LXXV
[101] = - LXXIX + 1,5373 LXXXIII
[102] = - LXXIV + LXXV - 1,7899 LXXXIII
[103] = - LII + LIII - 0,8194 LIV - 0,8194 LV - 0,3588 LVI - 0,2525 LVII
+ LX - 1,2692 LXII + 2,0886 LXX - 0,3588 LXXI
[104] = + XLIII - XLIV - XLV - 0,2508 XLVI + 0,2508 XLVII + 0,2508 LV
+ 0,9998 LVI + 0,8222 LVII + 0,5637 LXIII
[105] = + LXV - 0,7922 LXX + 1,0272 LXXI + LXXIV + LXXIX + 0,2526 LXXXIII
[106] = + XLIV + 0,5992 XLVII + LII - 0,6409 LVI - 0,6684 LXXI
[107] = + XLV - 0,5697 LVII
[108] = + LII - LIII + 0,1262 LIV + 0,1262 LV - 0,5082 LVI - 0,1775 LVII - LX
+ 1,9716 LXX - 0,5082 LXXI
[109] = - LXXXVI
[110] = + XLIX + 0,2504 LIV
- §. 73. { [111] = - LVIII + LX + LXVI - 0,9968 LXX + LXXXVI
[112] = + LIII - 0,3766 LIV - 0,8949 LV + LVIII
[113] = - L - LI + 0,7687 LV - 0,3211 LVI - 0,6919 LVII + 0,3211 LXXXII
[114] = - XLIX + L + 0,8693 LVII
[115] = + LI - LII + 0,8293 LVI - LXVII - 0,5193 LXXI - 1,3486 LXXXII
[116] = + LXXIX - LXXX - 0,1487 LXXXII
[117] = + LXV - LXVI + 0,8523 LXX + 0,2316 LXXVII + 0,6207 LXXVIII
+ 1,9509 LXXXII - 1,9480 LXXXVI
[118] = + LXXIV - 0,1972 LXXVII - 0,6672 LXXVIII + LXXX - 1,8022 LXXXII
- LXXXIV + 2,1167 LXXXVI
- §. 74. { [119] = + LXXXIV - 0,1687 LXXXVI
[120] = + LXVI - LXVII - 0,6207 LXX - 0,3381 LXXI - 0,3381 LXXII + 0,466 LXXVIII
[121] = - LXVIII - LXIX - 0,4705 LXXXII + 0,1016 LXXXIII
[122] = + LXIX - 0,5721 LXXXIII
[123] = + LXVII + LXVIII + 0,8299 LXXI + 0,8086 LXXII + 0,4705 LXXXIII
[124] = + LIX - LXI - 0,6471 LXIII + 0,6899 LXIV
[125] = - LXXXV - 0,1422 LXXXVI
[126] = + LXI - 0,8711 LXIV
[127] = - LXXV + LXXVI - 0,7427 LXXVII - 0,2845 LXXVIII - LXXXI
- 1,8816 LXXXII + LXXXV + 1,8413 LXXXVI
- §. 75. { [128] = - LXV + LXVI + 0,7975 LXXVII + 0,2476 LXXVIII + 2,0488 LXXXII
- 1,6991 LXXXVI
[129] = + LXXXI - 0,1673 LXXXII
[130] = + LX - 0,7679 LXII + 0,4659 LXIII + LXV + LXXV - 0,0549 LXXVII
[131] = - LVIII - LIX + 0,0397 LXII + 0,1812 LXIII + 0,1812 LXIV

$$\begin{aligned}
 \S. 76. \quad & \left\{ \begin{aligned} [132] &= - LXXX + LXXXI + 0,4059 LXXXIII \\ [133] &= - LXXIX + LXXX - 0,2807 LXXXIII \\ [134] &= + LXXIX - 0,1252 LXXXIII \end{aligned} \right. \\
 & \left\{ \begin{aligned} [135] &= - LXXIV - 0,3256 LXXVII + 0,2135 LXXVIII - LXXX - 0,1216 LXXXII \\ &\quad + 0,2040 LXXXIII + LXXXIV - 0,1218 LXXXVI \\ [136] &= + LXXIV - LXXV + 0,0730 LXXVII - 0,3256 LXXXIII \\ [137] &= + LXXX - LXXXI + 0,0679 LXXXII + 0,1216 LXXXIII \\ [138] &= + LXXV - LXXVI + 0,2526 LXXVII - 0,1440 LXXVIII + LXXXI \\ &\quad + 0,0537 LXXXII - LXXXV + 0,0539 LXXXVI \\ [139] &= + LXXVI - 0,0695 LXXVIII \end{aligned} \right. \\
 \S. 77. \quad & \left\{ \begin{aligned} [140] &= + LXXXIV - LXXXV \\ [141] &= + LXXXV \end{aligned} \right. \\
 \S. 78. \quad & \left\{ \begin{aligned} [140] &= + LXXXIV - LXXXV \\ [141] &= + LXXXV \end{aligned} \right.
 \end{aligned}$$