

§ 86.

Numerische Darstellung der Winkelgleichungen.

I.

I Ossling—2 Nostitzhöhe—6 Valtenberg.

1 Ossling	=	58° 18' 20".8280	— 0".0058*	— (2) + (3)
2 Nostitzhöhe	=	51 17 10.8468	— 288*	— (7) + (8)
6 Valtenberg	=	70 24 32.7333	+ 164*	— (55) + (37)

$$\begin{aligned} \text{Summe} &= 180 \quad 0 \quad 4.4081 - 0.0182^*) \\ 180^\circ + \varepsilon &= 180 \quad 0 \quad 2.8480 \end{aligned}$$

$$+ 1.5601 - 0.0182$$

$$0 = + 1^\circ 54' 19'' - (2) + (3) - (7) + (8) + (37) - (55).$$

*) Reduction wegen Aenderung der Richtungswerthe mit der Meereshöhe der visirten Objecte. In allen folgenden Gleichungen sind dieselben Reductionen aufgestellt.

2.

I Ossling—6 Valtenberg—10 Keulenberg.

1 Ossling	=	58 11 57.6437	+ 0.0303	— (3)
6 Valtenberg	=	37 54 36.5307	+ 127	— (53) + (55)
10 Keulenberg	=	83 53 27.3591	— 334	— (112) + (115)

$$\begin{aligned} \text{Summe} &= 180 \quad 0 \quad 1.5335 + 0.0096 \\ 180^\circ + \varepsilon &= 180 \quad 0 \quad 1.4559 \end{aligned}$$

$$+ 0.0776 + 0.0096$$

$$0 = + 0^\circ 08' 72'' - (3) - (53) + (55) - (112) + (115).$$

4.

I Ossling—6 Valtenberg—11 Strauch.

1 Ossling	=	108 54 16.7179	+ 0.0116	— (3) + (1)
6 Valtenberg	=	39 40 35.3913	+ 40	— (52) + (55)
11 Strauch	=	31 25 11.6043	— 230	— (136) + (139)

$$\begin{aligned} \text{Summe} &= 180 \quad 0 \quad 3.7135 - 0.0074 \\ 180^\circ + \varepsilon &= 180 \quad 0 \quad 3.2121 \end{aligned}$$

$$+ 0.5014 - 0.0074$$

$$0 = + 0^\circ 49' 40'' + (1) - (3) - (52) + (55) - (136) + (139).$$

6.

I Ossling—10 Keulenberg—11 Strauch.

1 Ossling	=	50 42 19.0742	— 0.0187	+ (1)
10 Keulenberg	=	99 26 47.3614	+ 168	— (128) + (112)
11 Strauch	=	29 50 55.6035	— 151	— (136) + (138)

$$\begin{aligned} \text{Summe} &= 180 \quad 0 \quad 2.0391 - 0.0170 \\ 180^\circ + \varepsilon &= 180 \quad 0 \quad 1.6236 \end{aligned}$$

$$+ 0.4155 - 0.0170$$

$$0 = + 0.3985 + (1) + (112) - (128) - (136) + (138).$$