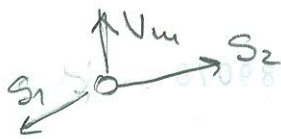


$$S_1 \cos \alpha_1 = S_2 \cos \alpha_2 = H$$

$$S_1 = \frac{H}{\cos \alpha_1}$$



$$\sum V = 0$$

$$V_m + S_2 \sin \alpha_2 - S_1 \sin \alpha_1 = 0$$

$$V_m = S_1 \sin \alpha_1 - S_2 \sin \alpha_2 = H(\tan \alpha_1 - \tan \alpha_2)$$

$$\tan \alpha_1 = \frac{8}{8} = \frac{3}{4}$$

$$\cos \alpha_1 = \frac{4}{5}$$

$$S_1 = -286,36$$

$$V_1 = -114,54$$

$$\tan \alpha_2 = \frac{2}{8} = \frac{1}{4}$$

$$\cos \alpha_2 = \frac{4}{\sqrt{17}}$$

$$S_2 = -236,1415$$

$$V_2 = -57,27$$

$$\tan \alpha_3 = 0$$

$$\cos \alpha_3 = 1$$

$$S_3 = -229,03$$

$$V_3 = -38,18$$

$$\tan \alpha_4 = -\frac{1}{6}$$

$$\cos \alpha_4 = \frac{6}{\sqrt{37}}$$

$$S_4 = -232,2509$$

$$V_4 = 0$$

$$\tan \alpha_5 = -\frac{1}{6}$$

$$\cos \alpha_5 = \frac{6}{\sqrt{37}}$$

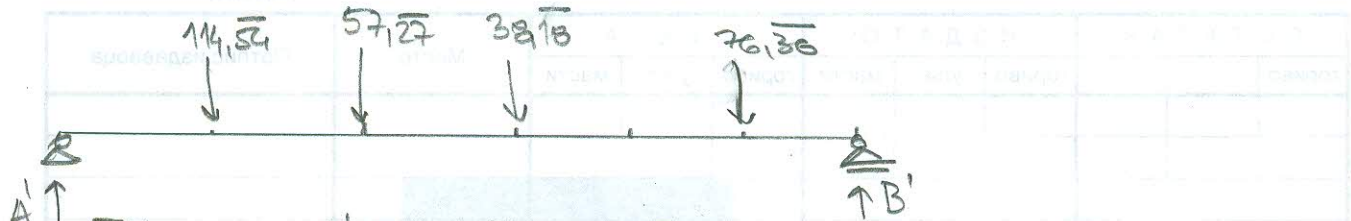
$$S_5 = -232,2509$$

$$V_5 = -76,36$$

$$\tan \alpha_6 = -\frac{6}{12} = -\frac{1}{2}$$

$$\cos \alpha_6 = \frac{2}{\sqrt{5}}$$

$$S_6 = -256,1314$$



A' ↑

$$\sum M_B = 0$$

$$A' \cdot 42 - 114,54 \cdot 34 - 57,27 \cdot 26 - 38,18 \cdot 18 - 76,36 \cdot 6 = 0$$

$$A' = 155,45$$

$$\sum V = 0$$

$$B' = 130,90$$

$$A_0 = A + A' \rightarrow A = A_0 - A' = 113,3^\circ - 155,45 = -42,12$$

$$B = B_0 - B' = 146,6^\circ - 130,90 = 15,75$$