

$$b) A_0 = A_6 + A_0 + 4 \cdot A_m$$

$$A_0 = a_1^2 + a_2^2 + 4 \cdot \frac{1}{2} \cdot (a_1 + a_2) \cdot s_h$$

$$s_h = \frac{A_0 - a_1^2 - a_2^2}{2(a_1 + a_2)}$$

$$\underline{\underline{s_h = 329,16 \text{ cm}}}$$

$$h = \sqrt{s_h^2 - \left(\frac{a_1}{2}\right)^2}$$

$$\underline{\underline{h = 329,13 \text{ cm}}}$$

$$s = \sqrt{h^2 + \left(\frac{(a_1 - a_2)\sqrt{2}}{2}\right)^2}$$

$$\underline{\underline{s = 329,15 \text{ cm}}}$$

$$V = \frac{1}{3} \cdot h \cdot (a_1^2 + \sqrt{a_1^2 - a_2^2} + a_2^2)$$

$$\underline{\underline{V = 19199,25 \text{ cm}^3}} \quad \text{cm}^3$$

$$\alpha = \tan^{-1} \left(\frac{h}{\frac{a_1 + \sqrt{2}}{2}} \right)$$

$$\underline{\underline{\alpha = 88,75^\circ}}$$

$$\beta = \tan^{-1} \left(\frac{h}{\frac{a_1}{2}} \right)$$

$$\beta = 89,13^\circ$$