





B. liegt of y-Aduse
$$\rightarrow P_0 = 90^\circ \stackrel{?}{=} \frac{7}{2}$$

$$(x_0=0) \qquad F_0 = R = \frac{\sqrt{18+675}}{4} \cdot \alpha \approx 1.401 \alpha$$

$$v_0 = \frac{2}{8} = \frac{9}{8} (gesucht)$$

Roordinaterivegleich:
$$B_{1} = \begin{pmatrix} 0 \\ 0.85a \end{pmatrix} = \begin{pmatrix} r.\sin 2.\cos \theta \\ r.\sin 2.\sin \theta \end{pmatrix} = \begin{pmatrix} 1.401a \cdot \cos(\frac{\pi}{2}) \cdot \sin 2\theta \\ 1.401a \cdot \sin(\frac{\pi}{2}) \cdot \sin 2\theta \\ 1.401a \cdot \cos 2\theta \end{pmatrix}$$

 $y_{\rm B} = 0.85a = 1.401a \cdot \sin 2\theta \rightarrow \sin (2\theta) \approx 0.85 \approx 0.6067 \rightarrow 26 \approx 37.35^{\circ}$



$$V_{5} = 180^{\circ} - 26^{\circ} \approx 142.65^{\circ}$$
 $V_{7} = V_{8}^{\circ} \approx 37.35^{\circ}$
 $V_{7} = V_{8}^{\circ} \approx 37.35^{\circ}$
 $V_{8} = 180^{\circ} - 26^{\circ} \approx 142.65^{\circ}$
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ZB 2 1.401a·cos 28 2-1.1137a , Z= 21.401a·cos 29 2 1.1137a



13' and 3 Troutplate - avalog zor vorigen kechnung, nur mit never kantenlänge d 5 d= (1+15').a ~ 1.618 a (gegeben)

Topview Ebene L: $Z_{L} = const$ $Y_{L_{3}} = \frac{d}{2} \cdot tan(\beta) \approx 0.809 \cdot 1.3763a \approx 1.1134a$

operation
$$\Rightarrow \Gamma_{L}' = Y_{L_{1}} = \frac{d}{2} \cdot \frac{1}{\cos \beta} \approx 1.376 \text{ a}$$

YL2 = T1 . COS X 2 0. 4252 a

x1 = \$ 20.809a

$$\begin{array}{lll} L_1 = (0, 1.376a, Z_L) & H_1 = (0, -1.376a, Z_H) \\ L_2 = (1.3087a, 0.4252a, Z_L) & H_2 = (1.3087a, -0.4252a, Z_H) \\ L_3 = (0.809a, -1.1134a, Z_L) & H_3 = (0.809a, 1.1134a, Z_H) \\ L_4' = (-0.809a, -1.1134a, Z_L) & H_3' = (-0.809a, 1.1134a, Z_H) \end{array}$$

