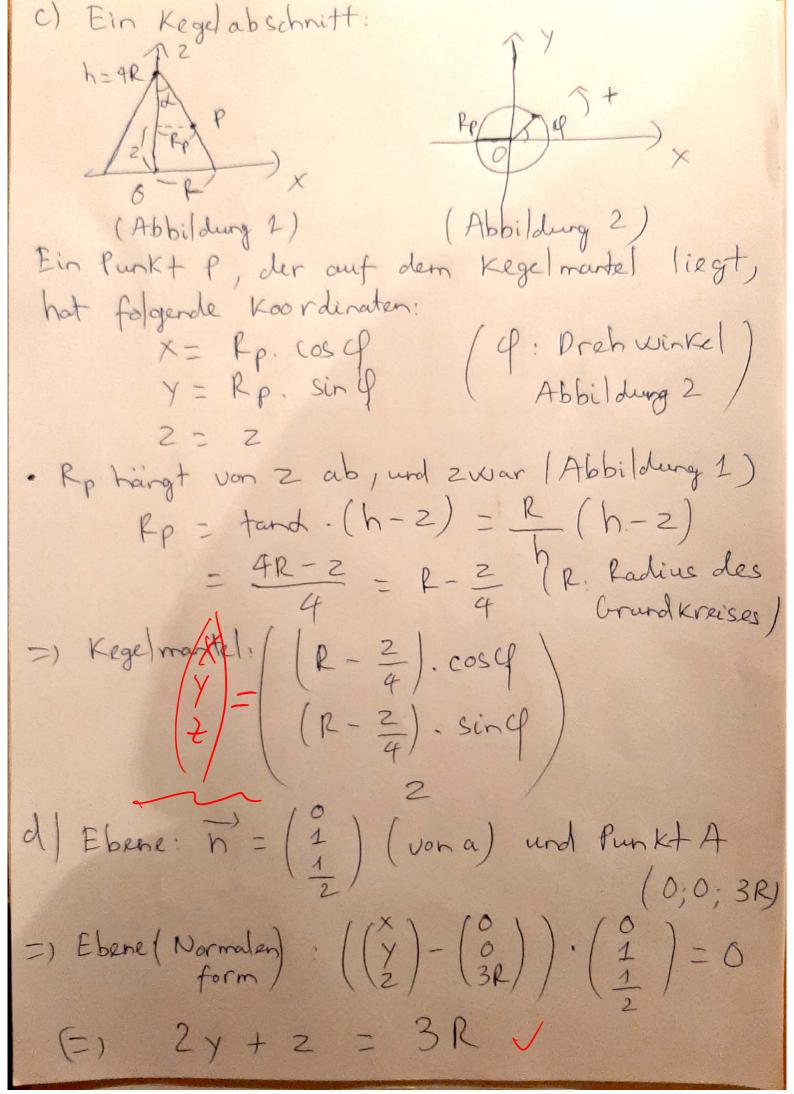


BC =
$$\begin{pmatrix} x_c - x_b \\ y_c - y_b \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

 $= \begin{pmatrix} 1 \\ 2c - 2b \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$
 $= \begin{pmatrix} 1 \\ 3c \end{pmatrix} = \begin{pmatrix} 1 \\ 2c \end{pmatrix} = \begin{pmatrix} 1 \\ 3c \end{pmatrix} =$



• Kegelmantel:
$$(R - \frac{2}{4}) \cos q$$

 $(R - \frac{2}{4}) \sin q$
=) $x^2 + y^2 = (R - \frac{2}{4})^2$
• Schniff linic: $Z_{Ebane} = \frac{2}{2} \times \frac{2}$

$$\begin{array}{c} (\frac{\sqrt{3}}{2} y - \frac{R}{4\sqrt{3}})^2 = \frac{R^2}{12} - x^2 \\ \frac{\sqrt{3}}{2} y - \frac{R}{4\sqrt{3}} = -\sqrt{\frac{R^2}{12}} - x^2 \\ \frac{\sqrt{3}}{2} y - \frac{R}{4\sqrt{3}} = -\sqrt{\frac{R^2}{12}} - x^2 \\ (\text{Vorbeding ung} : x^2 \le \frac{R^2}{12} - \frac{R}{2\sqrt{3}} \le x \le \frac{R}{2\sqrt{3}} \\ (\frac{R}{4\sqrt{3}} + \sqrt{\frac{R^2}{12}} - x^2) \\ (\frac{R}{4\sqrt{3}} + \sqrt{\frac{R^2}{1$$

 $\frac{1}{2} \frac{R^2}{12} - x^2 \max_{x \in \mathbb{Z}} (x) x^2 \min_{x \in \mathbb{Z}} \frac{1}{2} \frac{R^2}{12}$ $X' \times = 0$ (Vorbedirgung: $\frac{-R}{2\sqrt{3}} \leq x \leq \frac{R}{2\sqrt{3}}$ nicht vet letzen =) grut!)?? =) $y_{N,P}$ (N.P = Niedrigster = $\frac{2}{\sqrt{3}}$. $\left(\frac{R}{4\sqrt{3}} + \sqrt{\frac{R^2}{12}}\right)$ $=\frac{2}{\sqrt{3}} + \frac{2}{\sqrt{3}} + \frac{2}{\sqrt{2}} = \frac{2}{2}$ $x_{N.P} = 0$; $z_{N.P} = 3R - 2, \frac{R}{2}$ = 2R = 2R = 2R. Höchster Punkt =) 2/inie max (=) /linie min =) $y = \frac{2}{\sqrt{3}} \left(\frac{R}{4\sqrt{3}} - \sqrt{\frac{R^2}{12} - x^2} \right)$ und $y = x^2$ und $y = x^2$ 新身 12 - x2 max (二) X2 min (三) X=0 (Vorbedingung von X nicht verletzen=) gut!) =) \forall H.P = Hächster = $\frac{2}{\sqrt{3}} \left(\frac{R}{4\sqrt{3}} - \sqrt{\frac{R^2}{12}} \right)$ =) $2 + P = 3R - 2 \cdot \left(\frac{-R}{6}\right) = \frac{10R}{5}$

