

POLE PODSTASY

TRUBNAT NOLUNOBOLNY

$$P_{podr} = \frac{Q^2 \sqrt{3}}{4} =$$

$$= \frac{12b^1 \cos^1 \alpha \cdot \sqrt{3}}{1 + 3 \cos^1 \alpha} = \frac{3\sqrt{3} b^2 \cos^1 \alpha}{1 + 3 \cos^1 \alpha}$$

POLE POL. BOCHWE

$$P_{pol. bor} = 4 \cdot P_{d bor} = 4 \cdot$$

$$\frac{12 \cos^1 \alpha \cdot Q^2 \sqrt{3}}{3 \cos^1 \alpha} = \frac{Q^2 \sqrt{3}}{3 \cos^1 \alpha}$$

$$= \frac{4 \cdot \frac{12 b^1 \cos^1 \alpha}{1 + 3 \cos^1 \alpha} \cdot \sqrt{3}}{3 \cos^1 \alpha} = \frac{4\sqrt{3} b^2 \cos^1 \alpha}{1 + 3 \cos^1 \alpha}$$

$$\frac{1}{2} Q^2 = b^1 - \frac{Q^2}{4} \cdot | 12 \cos^1 \alpha$$

$$Q^2 = 12 b^1 \cos^1 \alpha - 3 Q^2 \cos^1 \alpha$$

$$Q^2 + 3 Q^2 \cos^1 \alpha = 12 b^1 \cos^1 \alpha$$

$$Q^2 (1 + 3 \cos^1 \alpha) = 12 b^1 \cos^1 \alpha \quad : | 1 + 3 \cos^1 \alpha$$

$$Q^2 = \frac{12 b^1 \cos^1 \alpha}{1 + 3 \cos^1 \alpha}$$