• gdy [redacted] $r^2 \gg q^3$ jest źle, więc:

$$\left(r - \sqrt{q^3 + r^2}\right) = \left(\frac{-q^3}{r + \sqrt{q^3 + r^2}}\right)$$

• gdy $\sqrt{q^3} \gg r$:

$$\left(r + \sqrt{q^3 + r^2}\right)^{\frac{1}{3}} + \left(r - \sqrt{q^3 + r^2}\right)^{\frac{1}{3}} = \frac{2r}{\left(r + \sqrt{q^3 + r^2}\right)^{\frac{2}{3}} + q + \left(r - \sqrt{q^3 + r^2}\right)^{\frac{2}{3}}}$$

Aby wyznaczyć tylko raz:

$$p_1 = \left(r - \sqrt{q^3 + r^2}\right)^{\frac{2}{3}}, \text{ wtedy } p_2 = \left(r + \sqrt{q^3 + r^2}\right)^{\frac{2}{3}} =$$

$$= \left(\frac{-q^3}{r - \sqrt{q^3 + r^2}}\right)^{\frac{2}{3}} = \frac{(-q^3)^{\frac{2}{3}}}{p_1} = \frac{q^2}{p_1}$$