We have: 
$$\int y^{3} + \rho y + q = 0$$

We want to transform this equation to a quadratic one.

Develop: 
$$y = 2 + \frac{K}{2}$$

$$y^{3} = \left(2 + \frac{\kappa}{2}\right)^{3} = 2^{3} + 3 \cdot 2\left(\frac{\kappa}{2}\right)^{2} + 3 \cdot 2^{2}\left(\frac{\kappa}{2}\right) + \frac{\kappa^{3}}{2^{3}}$$
$$= 2^{3} + 3 \cdot \frac{\kappa^{2}}{2} + 3 \cdot \kappa \cdot 2 + \frac{\kappa^{3}}{2^{3}}$$

$$\frac{1}{2^{3} + \frac{3k^{2}}{2} + \frac{3k^{2} + \frac{k^{3}}{2^{3}} + \frac{72}{2} + \frac{7k}{2} + 9 = 0}{2}$$

$$= \frac{3}{2} + \frac{k^{3}}{2} + \frac{3k^{2} + pk}{2} \cdot \frac{1}{2} + \frac{3k + p}{2} \cdot \frac{1}{2} + q = 0$$

$$= \frac{3k + p}{2} = 0$$

$$= \frac{3k + p}{2} = 0$$

$$3K = -p \Rightarrow K = -p$$

$$\Rightarrow z^{3} - \frac{\rho^{3}}{27} \cdot \frac{1}{2^{3}} + q = 0$$

$$\Rightarrow u - \frac{\rho^{3}}{27} \cdot \frac{1}{m} + 9 = 0 / .27w$$

$$27 \cdot m^2 - \rho^3 + 27 m \cdot q = 0$$

$$27 \cdot m^2 + [279] \cdot m - p^3 = 0$$

$$\frac{1}{2} \sqrt{u^2 + q \cdot w - \rho^3} = 0$$

Renind: 
$$u^2 + \rho' \cdot u + q' = 0$$

$$\frac{1}{2} \int \mathcal{U}_{1/2} = -\rho' \pm \sqrt{(\rho')^2 - 4q'}$$

$$\rho' = q \qquad q' = -\frac{\rho^3}{27}$$

$$W_{1/2} = -9 \pm \sqrt{9^2 - 4 \cdot \left(-\frac{0^3}{27}\right)}$$

$$= -9 + \sqrt{9^2 + \frac{4\rho^3}{27}}$$

$$\frac{1}{z^3} = -9 \pm \sqrt{9^2 + \frac{40^3}{27}}$$