$$x^{3}y' = x^{4}y^{2} - 2x^{2}y - 1$$

$$\frac{95}{94} = 35$$

$$\frac{95}{3-1} = 95$$

$$\frac{95}{3} = 5$$

$$x = 5$$

$$\lambda z^{\lambda+2} = z^{2\lambda+4} - 2z^{\lambda+2} - 1$$

Quitanos termino cuadratico

Almora con $y = \overline{\xi}^2$ sustituines un la eq. original $\partial y = -2\overline{\xi}^3 \partial z$

$$-2u_{-3} qx - 2u_{-3} x qu$$

$$-2u_{-3} qy = (u_{-4} - 2u_{-5} - 1)qx$$

$$x_{3} (-2f_{-3}) \frac{qx}{qx} = x_{4} f_{-4} - 5x_{5} f_{-5} - 1$$

$$x_{3} (-2f_{-3}) \frac{qx}{qx} = x_{4} f_{-4} - 5x_{5} f_{-5} - 1$$

$$-2 \frac{1}{u^{-1} - u^{2}} du = \frac{1}{2x} dx$$

$$-2 \frac{1}{u^{-1} - u^{2}} du = \frac{1}{2x} dx$$

$$\frac{7}{2} \int \frac{1}{1-s^2} ds = \frac{1}{2} w(x) + C$$

$$\frac{1}{2} \operatorname{arctunh}(s) = \frac{1}{2} w(x) + C$$

$$\operatorname{arctunh}(s) = \frac{1}{2} w(\frac{1+s}{1-s})$$

$$\frac{1}{4} w(\frac{1+4^2}{1-u^2}) = \frac{1}{2} w(x) + C \qquad j \quad B = e^{C}$$

$$\left(\frac{1+u^2}{1-u^2}\right)^{1/4} = x^{1/2} B$$

$$\left(\frac{1+(\frac{3}{2})^2}{1-(\frac{3}{2})^2}\right)^{1/4} = x^{1/2} B$$

$$\frac{1+x^2y^4}{1-x^2y^4} = x^2 A$$

$$\frac{1+x^2y^4}{1-x^2y^4} = x^2 A - Ay^4$$

$$y^{-1}(x^2+A) = x^2 A - Ay^4$$

$$y^{-1}(x^2+A) = x^2 A - A$$

$$\frac{1}{2}(x^2+A) = x^2 A - A$$

$$\frac{1}{2}(x$$