atelos lostylous. (_ixi can be interpreted dynetly C1(3) = + 1624(3) log((-(3)) = (4/3) - 4/0) (_(3) = (_(0))e (-(3) = (nP Ctx/ no pono (13) + (+(3)4/2) = ~ 13 d3 4 l3) Let = e 4(3) - 46) druz) - 4(3) e Note that e (+13) 4(3) e = re4(3) Thuy,

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String for the potential To solve this equation, we propose an expension in tems of 7. (-13) = \frac{10}{20} \frac{10}{10} \frac{1}{10} \frac{1}{10} $(+(3) = \sum_{\infty} \frac{1}{4} (n) (\frac{1}{4} (3))$ we get up to our n=1 in the expantion: (-(3) + x ~ (-(3) = (ne (3) + F+ (3) (+ (3) + ~ (+ (3) = (be (41,53) + 441,13)) $\times \left(1 + \frac{\Gamma}{C_b} \int_{a}^{3} d3' e^{2(3') + \frac{\Gamma}{C_b} \left(\frac{13}{3}\right)}\right)$

\$ 4 (3) + 2 4 (11) (3) =

$$\frac{1}{2} \left(\frac{1}{2} \left(\frac{3}{3} \right) \right) = \frac{1}{2} \left(\frac{1}{2} \left(\frac{3}{3} \right) \right) = \frac{1}{2} \left(\frac{3}{2} \left(\frac{3}{3}$$

First or obs system:

$$C_{-}^{(1)}(3) = 0$$

$$C_{+}^{(1)}(3) = 0$$

(1): already solved.

1/v

(2):
$$4^{1/3} = -e^{-4^{10}(3)} \int_{0}^{3} d3 e^{4^{10}(3)}$$

$$|\psi^{(a)}|^{2}(3) = (b \sin h(\psi^{(a)}(3)))$$

$$\int \frac{1}{2} \frac{d}{d\psi^{a}} \left[\frac{(d\psi^{a})}{(d\sqrt{3})^{2}} \right] d\sqrt{3} = \int d\sqrt{3} \frac{d^{2}\psi^{(a)}}{(d\sqrt{3})^{2}}.$$

$$= \int \psi^{(a)}(3) = \lambda \int \psi^{(a)}(1 + b \cos h(\psi^{(a)}(4)) e^{-\lambda / 3})$$

$$= \int \psi^{(a)}(3) = \lambda \int \psi^{(a)}(1 + b \cos h(\psi^{(a)}(4)) e^{-\lambda / 3})$$

$$= \int \psi^{(a)}(3) = \lambda \int \psi^{(a)}(1 + b \cos h(\psi^{(a)}(4)) e^{-\lambda / 3})$$

$$= \int \psi^{(a)}(3) = \lambda \int \psi^{(a)}(1 + a \cos h^{2}(4))$$

$$= \int \psi^{(a)}(3) = \lambda \int \psi^{(a)}(4) e^{-\lambda / 3} \int \psi^{(a)}(4) e^{-\lambda / 3}$$

$$= \int \psi^{(a)}(4) \int \psi^{(a)}(4) e^{-\lambda / 3} \int \psi^{(a)}(4) e^{-\lambda / 3} \int \psi^{(a)}(4) e^{-\lambda / 3}$$

$$= \int \psi^{(a)}(4) \int \psi^{(a)}(4) e^{-\lambda / 3} \int \psi^{(a)}(4) e^{-\lambda /$$

$$|x|^{3} = \left(\frac{1 - \alpha e^{\frac{3}{3}}}{1 + \alpha e^{\frac{3}{3}}}\right) \left(\frac{3}{2} + \cosh(\frac{3}{3}e) - \coth(\frac{3}{2}e^{\frac{3}{3}}\right)\right)$$

$$|x|^{1/3} = \left(\frac{1 - \alpha e^{\frac{3}{3}}}{1 + \alpha e^{\frac{3}{3}}}\right) \left(\frac{3}{2} - \coth(\frac{3}{2}e^{\frac{3}{3}}) - \coth(\frac{3}{2}e^{\frac{3}{3}}\right)\right)$$
Tenamos,
$$|x|^{1/3} = \lambda \log \left(\frac{1 + \tanh(\frac{1}{3}e^{\frac{3}{3}}) - \coth(\frac{3}{2}e^{\frac{3}{3}}}{1 - \tanh(\frac{1}{3}e^{\frac{3}{3}}) - \coth(\frac{3}{2}e^{\frac{3}{3}})}\right)$$

$$|x|^{1/3} = \left(\frac{1 - \alpha e^{\frac{3}{3}}}{1 + \alpha e^{\frac{3}{3}}}\right) \left(\frac{3}{2} - \coth(\frac{3}{2}e^{\frac{3}{3}}) - \coth(\frac{3}{2}e^{\frac{3}{3}})\right)$$

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Sero order solution:

$$= \frac{C_3(3)}{C_3(3)} = -54(3) \left(\frac{6}{3} \right)$$

(5(3) = (5(6) e

$$30 = \log |\tanh |3-30|$$

Solution to zero order

$$(413) = (be^{-413})$$

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First order system

$$(-13) = 0$$

$$(-13) = -e$$

$$(-13) = -e$$

$$(3-3-2)$$

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