D- 1') / Lev if $\int G(x) = \alpha (A+A) + \alpha (A+A)$ $\int (A+A) = A \circ p(f(x))$

not order DE + $S(x_1) = \beta_1$ 5(2(2) = 12

8. N. P.

1 e = e , e Ins = 103e5 109 cs — Thated Ly. In quat frace. $|h|_{S} = 2(|h|_{X(-1)} + C) = 2(|h|_{X(-1)} + C)$ = e = e = e = e = e = e = e = e

$$S' + P(x) = P(x)$$

$$I.F. \quad R(x)$$

$$R(x) \left(S' + P(x)S\right) = R(x) P(x)$$

$$\frac{d}{dx} \left(R(x)S\right) = R(x) P(x)$$

$$\frac{d}{dx} \left(R(x)S\right) = \frac{d}{dx} \left(R$$

 $R(x) = R(x) \Phi(x) dx + C$ $S = \frac{1}{P(x)} \left(P(x) \frac{1}{P(x)} + \frac{C}{P(x)} \right)$ Pdx $2x + 3e5 = x^{2}$ y(x) = e y' + 3e5 = 2x y' + 3e5 = 2x $\frac{1}{2} = \frac{1}{2} \left(\frac{1}{2} \right)$ $P = \left(\left(x, P \right) \right)$ 1 - f (), P) () - T 2) Put Pih 5=P

x P + 2 P = 5c $2\left(\frac{1}{x}dx\right)$ II (+ 2) P = x2 $\exists x (x) = 0$

9/1 JPace 12 10

 $\frac{1}{2} \ln |z|^2 = 0$ 5,,5,,---,5, Talce constr. d, , d, , - - , d, linear d, 5 + d, 5 + - - - + d, 5 1et th (.c = >

Q15, + - - - + 4,5, = 0

If => all d; 1 + b I + uli di) = 0 lineally holep. Jet (5 = 0 all | L. I. set | Now we con't write one 5/1.

in terms of the atten.

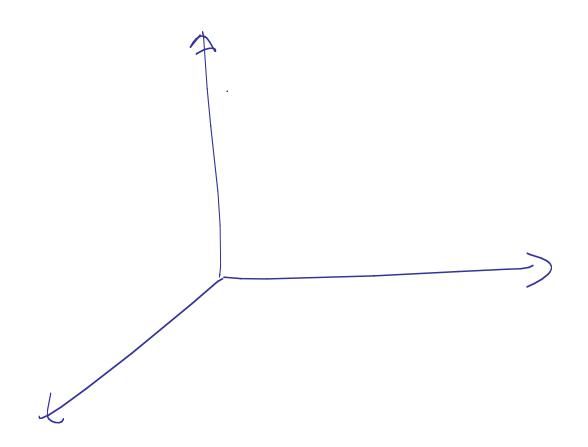
 $a \frac{dS}{dic} = -SS$ -8/dx/ 105 5 = - 5 20 + 1 9 / 455 + (5) = >

2 nd och

95/1/55/105=3

 $\frac{1}{2} = \frac{1}{2} = \frac{1}$ $\begin{pmatrix}
a\lambda + b\lambda + c \\
e = 0 \\
e = 0$ A. E. = 0ay 11/5-0 Da 2+57-165 2 x 2 a y=20 e - D 95 + 55 + 05 = 0

(1)x - (9)x C_1 (0) 9x + i) αg_x $+ C_2$ (0) 9x - isign $(3)7x \left(C, + C_1 \right) + Si7x \left(C, - C_2 \right) \hat{C}$ 9, e (=13)(9=iesign



 χ λ 9: 22 J:)(グェン

(=)) 2c Jp - A <=>)) x + B J i] x yp= Reces ag 1 + 65 + (5) = & (0) Bx JP A WIBX

T = (e) / dx I = Perda da - Redac SCIL = Ime

$$3y + 5y + 6y = 2e^{-1}x$$

$$y = e^{-1}x + 6x$$

$$y = -1$$

2x' axd2 + 85 = 0

 $\frac{dy}{dx} + \frac{dy}{dx} + \frac{dy}{dx} = 0$ Let 7 = X $\left(\alpha \lambda^{2} + (\beta - \alpha) \lambda + C\right) \lambda = 0$ Care:) \frac{1}{2} = \langle \frac{t}{c} \big| \big| M=ADC + Dx = X (Ax+Bx) tiß

log x l

tiplos.

+iplos. e cos (Blosse) + isi (Blosse)

 $\frac{\alpha 5^{11} + 55^{1} + \alpha 5}{5} = 0$ $\frac{3}{5} = 0$ $\frac{3}{5} + 53 + c = 0$

 $\frac{\text{Euler}}{\text{ax}^2 5^{11} + \text{Sas}} + \text{cs} = 0$ $\frac{-5}{3} = \text{gc}$

 $a_{A1} + (5-a)_{A+c=b}$

Pulu D. E. t=logx Sort (set Cholen S(x)

r. ahmad a 7 city. com Ontect: 07900650341+ Hatt / Prot-Ronderp Eventin [/ u 192