$$\frac{dy}{dx} = \frac{x - iy + 1}{2x + 2y + 3}$$

$$\frac{a = b}{al} = \lambda = \frac{1}{2} \Rightarrow a = \frac{al}{2}, b = \frac{bl}{2}.$$

$$a = \frac{a!}{2}, b = \frac{b'}{2}$$

$$\frac{dy}{dx} = \frac{x+y+1}{2(x+y)+3}$$

$$\frac{dt}{dx} - 1 = \frac{t+1}{2t+3}$$

$$\frac{dy}{dx} = \frac{dy}{dx}$$

$$\frac{dy}{dx} = \frac{dy}{dx} - \frac{dy}{dx}$$

$$\frac{dL}{dx} = \frac{L+1}{2L+2} + 1 = \frac{L+1}{2L+3} = \frac{3L+4}{2L+3}$$

$$\frac{dL}{dx} = \frac{2L+4L}{2L+3}$$

$$\frac{dL}{dx} = \frac{2L+4L}{2L+3}$$

$$\frac{dL}{2L+3} = \frac{dx}{3L+4L}$$

$$\frac{2(x+3)}{3L+4L} = \frac{2(x+3)}{3L+4L}$$

$$\frac{2(x+3)}{3L+4L}$$

If
$$a=b'$$
 and $b=a'$ (or) $a=-b'$ and $b=-a'$,

$$\frac{dy}{dz} = \frac{\alpha+2y+3}{2x+y+1} \qquad \text{Here } \begin{bmatrix} a=1, \ b=1 \\ b=2, \ a'=2 \end{bmatrix} \text{ constitution}$$

Apply C and II. (componently and Dividends)

$$\frac{dy+dx}{dy-dx} = \frac{\chi+2y+3+2\chi+y+1}{\chi+2y+3-2\chi-y-1} = \frac{3\chi+3y+4}{-\chi+y+2} = \frac{3(\chi+4)+1}{y-\chi+2}$$

$$\frac{dy+dx}{dy-dx} = \frac{3x+3y+4}{y-x+2}$$

$$\frac{d(x+y)}{y-x+2} = \frac{d(y-x)}{y-x+2}$$

Integrate on both order

$$\int \frac{d(n+y)}{3(n+y)+4} = \int \frac{d(y-n)}{y-n+2}.$$

$$= \frac{1}{3} \left(\frac{3(x+y)+4}{2} \right) = \frac{1}{3} \left(\frac{3(x+y)+4}{2} \right)$$

=)
$$log(3(2+y)+4) = log(4-x+2)+1$$

=)
$$log(3(n-ty)+4) = 3log(y-x+2)) \pm ($$

$$\frac{dy}{dx} = \frac{2x - 3y + 1}{3x - 2y + 1}$$

$$a = 2, b' = -2 =)$$
 $a = -b'$ (iii) in $b = -a'$ $a' = -a'$ which is

-

Cr

6

0

27

5

C

6

0

$$\frac{dy+dx}{dy-dx} = \frac{2x-3y+1+3x-2y+2}{2x^2-3y+1-3x+2y-2} = \frac{5x-5y+3}{-x-y-1}$$

$$\frac{d(x+y)}{d(y-x)} = \frac{5(x-y)+3}{-(x+y)-1}$$

=)
$$(-(x-4y)-1) d(x+4y) = (5(x-y)+3) d(4-x)$$

$$-\int (x+y+1) d(x+y) = \int .5(x-y) + 3 d(y-x)$$

$$- \left[\int (x+y) d(x+y) + \int d(x+y) = - \int 5(y-x) d(y-x) + 3 \int d(y-x) \right]$$

$$-(x+4)^{2}-(x+4)=-5(4-x)+3(4-x)+6$$

$$-(n+4)^{2}-2(x+4) = -5(4-x)^{2}+6(4-x)+6$$

$$-\chi^{2}-4^{2}-2^{2}-2^{2}-2^{2}=-5(4^{2}+3^{2}-2^{2}+64^{-6})$$

$$=$$
) $-4y^2-4x^2+12xy-4x+8y=0$