$$2 \times 1 + 3 = 0$$
 — (1)
 $2 + 1 \times 5 = 0$ — (1)

variance
$$g(x) \Rightarrow \overline{x} = 4$$

$$\overline{x} = \sqrt{4} = 2 \Rightarrow \overline{x} = 2$$

variance of

Dio coordation coefficia (a) pla x ay standral devictional as sope

$$a = p \frac{Qu}{QA}$$

 $= -\frac{39}{2} + \frac{8}{2} - 10$ Regention lines by x on $\frac{9}{2}$ 20 +39-8=0 bony = or org = -3 -> by comparing eq B



Using eq
$$^{n}2$$
 $2y + n - 5 = 0$
 $y = -n + 5$

. or2=bxy x byn = = 3 x=1 = 3 = 13 JI=-V3 both bxy & byo -ve so $-\frac{3}{2} = -\frac{13}{2} \times \frac{2}{09} = \frac{3}{2} = -\frac{13}{09}$ => \ \ \sig = 1.15 \ Doelling of Astermination of X Dy Coefficit = (coefficit (cr)) coefficient of = (-1/3) = 3 coefinty = 3 2

