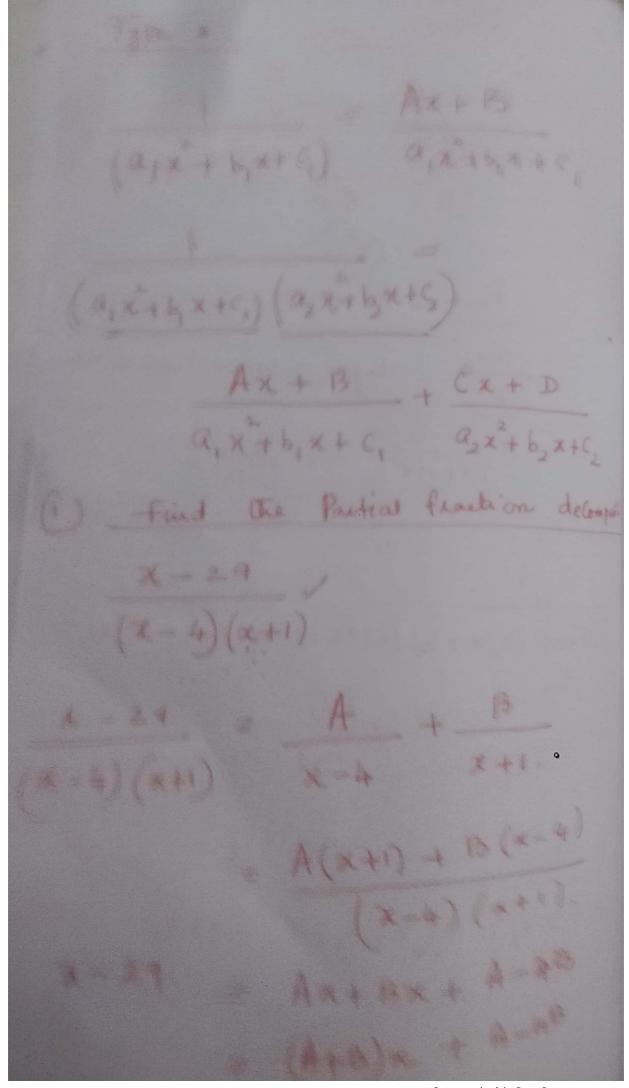
Number System Natural, whole, Integers, Rational, Irostians 0.2323 Partial flations degree of Dr > degree of Nr DY NY NY = QXR Type 1: (a,x+b,) (a,x+b) (a,x+b) (a,x+b, a,x+b) Type 2: (9x+b1)2(92x+b2) a1x+b1 (91x+b1) (a,x+b,)



Scanned with CamScanner

$$A + B = 1$$

$$A - 4B = -29$$

$$A + 4B = 29$$

$$A + b = 1$$

A (x+x-x-y+B(x+2x+1) + 6 (x3-x2-x+1) +D(x=2x+1) Equalina A+C = 0 -- 0 2, A+B-C+D=2 -0 x , -A+2B-C-2D=1-8 Constant -A+B+C+D=0 A=-c/ C=1/2/ B=3/4 D = 1/4

other method:

$$2\pi^2 + x = A(x-1)(x+1)^2 + B(x+1)^2 + C(x+1)(x-1)^2 + D(x+1)^2$$
.
Put $x = 1$.
 $2(1)+1 = B(1+1)$
 $3 = AB \Rightarrow B = 34$
Put $x = -1$
 $2(1)+1 = D(-2)^2$
 $2(1)+1 = D(-2)^2$

$$\frac{10-2}{2^{2}+10x+25} = \frac{10-x}{(x+5)^{2}}$$

$$= \frac{A}{x+5} + \frac{B}{(x+5)^{2}}$$

$$= \frac{A}{x+5} + \frac{B}{(x+5)^{2}}$$

$$10-x = A(x+5) + B$$

$$10-x = Ax + 5A + B$$
Equating:

$$x : A = -1.$$

$$5A + B = 10 = B = +15$$
Sudv = uv - Svdu.

$$\int u dv = uv - Svdu.$$

$$\int u dv = uv - Svdu.$$

$$\int u dv = uv - Svdu.$$

$$\int x dx = x + C$$

$$x^{2} + 4$$

$$x^{2} + 4$$

$$x^{2} + 4$$

$$x^{2} + 4$$