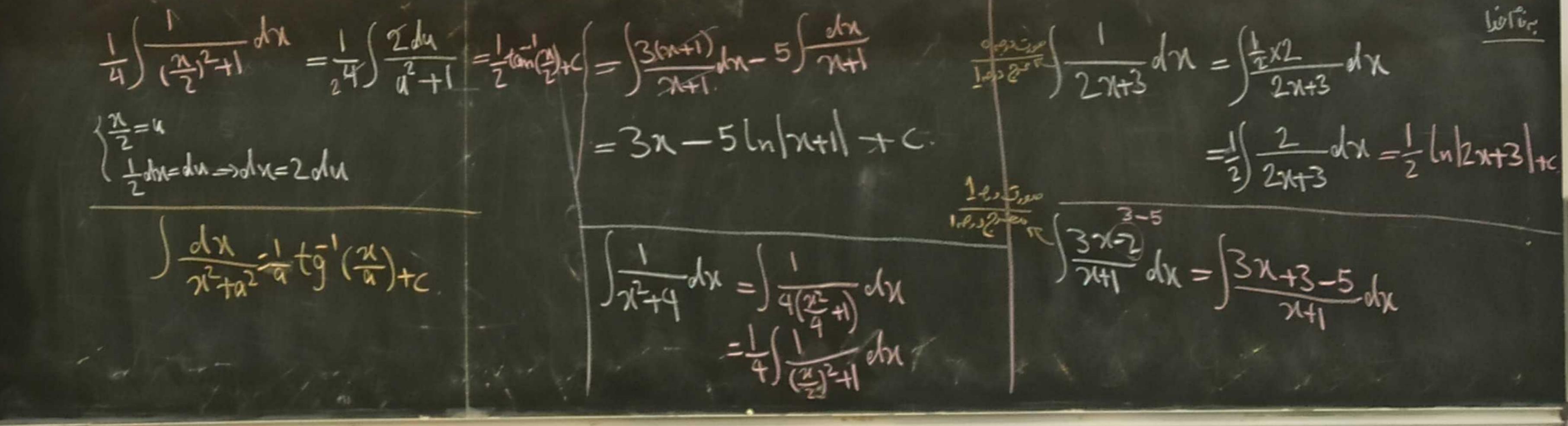
$$\frac{1}{\chi^{2}-a^{2}} = (\chi - \alpha)(\chi + \alpha)$$

$$\frac{1}{\chi^{2}-a^{2}} = \frac{1}{(\chi - \alpha)(\chi + \alpha)} = \frac{A}{\chi - \alpha} + \frac{B}{\chi + \alpha}$$

$$\frac{A(\chi + \alpha)}{A+B} + \frac{B(\chi - \alpha)}{A+B} = \frac{A+B=0}{A+B=0} \Rightarrow A+B=0$$

$$\frac{A+B}{A+B} \times + \alpha(A-B) = 1 \Rightarrow \alpha(A-B) = 1 \Rightarrow A+B=0$$

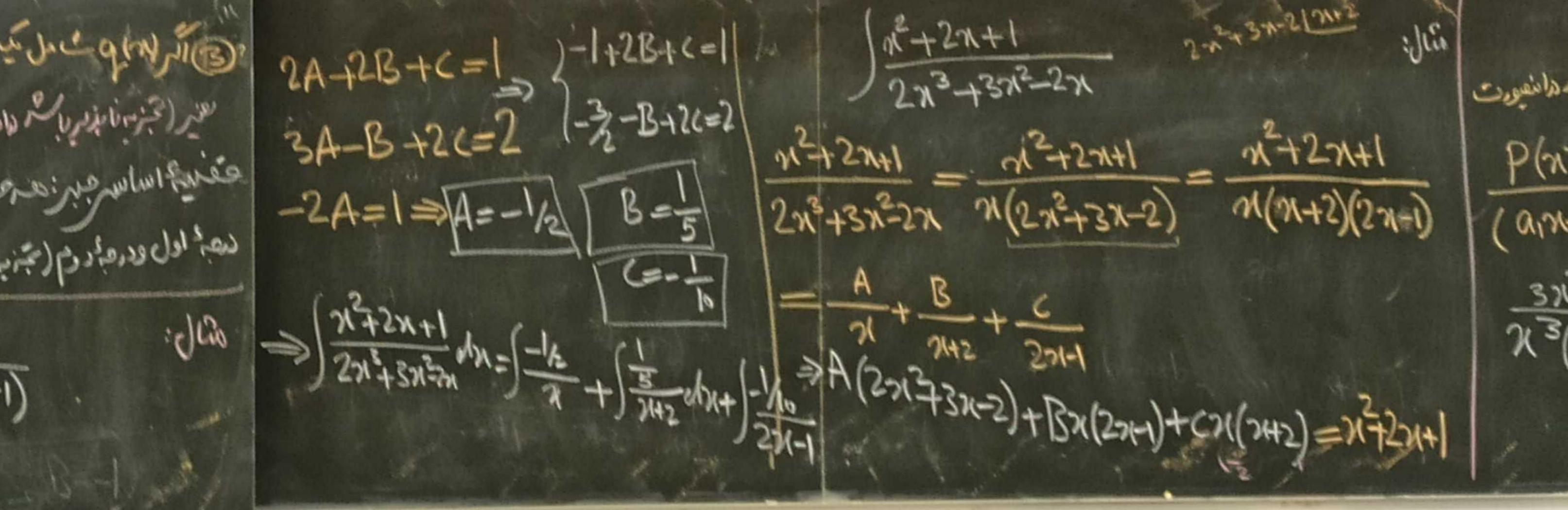
$$\frac{A+B}{A+B} \times + \alpha(A-B) = 1 \Rightarrow \alpha(A-B) = 1 \Rightarrow A+B=0$$



22+X-2 71+71-2=(71-1)(x+2) (N-1)(N+2) 1-1 A(x+2)+B(x-1)=x+5=>(A+B)x+2A-B=>45

1A+B=0=)A=-B Panson Pan - Denon Comprant of English of Sens اندوری (۱۱) و نسر است دراس صورت بردنیال یجزیز (۱۲) و جاملها، anthol كنزيم الإبره سيم. عالت ها رزيردا در تطري سرم. 1 2-a2) 2a(n-a)) 2a(n+a) الرام (درم المراه (درم المرام (درم المرام ال P(X) $\chi(\chi+1)(\chi^2-4)(\chi-2)(\chi+2)$ 9(x)=(a,x+b)(a2x+b2)....(a,x+b)=

= \frac{1}{2a \ln \n - a \rangle - \frac{1}{2a \ln \n + a \rangle + C.



= (a, 74bi) + (a) (a) (a) (a) (a) (a) (a) (a) (a) (ainth) 23(241)2(242) = A + B + C + D + E + T (241)2+

1. (matter)

اللم: المر (كرك درف ميرات اردوم معرو (n2+1)+B(n2+1)+(Cx+D)x=1 1 12 (2×+1)3 (x2+1)2 (x7+7+1)4 1 AN +AN+BN2+B+CN3+DN2=1 = A B + C + D + E FN+h 9n+i A