$\int \frac{dx}{x^2 + x - \lambda} = \frac{1}{3} \ln \left(\frac{x - 1}{x + 2} \right) + C$ $\rightarrow A(x+1) + B(x+1) \rightarrow Ax + AA + Bx - B \rightarrow$ -> x (A+B) z 0 -> Az 1/3; Bz-1/3 $\frac{1}{(x-1)(x+2)} = \frac{\frac{1}{3}}{x-1} + \frac{\left(-\frac{1}{3}\right)}{x+2} \rightarrow$ $\rightarrow -\frac{1}{3} \int \frac{1}{(x+2)} dx = -\frac{1}{3} \ln(x+2)$ 1 S 1 dx 2 /3 ln (x-1) > $-\frac{1}{3}\ln\left(x+2\right) + \frac{1}{3}\ln\left(x-1\right) + C \rightarrow \frac{1}{3}\ln\left(\frac{x-1}{x+2}\right) + C$