$$\frac{(x-1)(x^{2}+x+1)}{(x^{2}+x+1)} = \frac{(x-1)(x^{2}+x+1)}{(x^{2}+x+1)} = \frac{(x-1)(x-1)}{(x^{2}+x+1)} = \frac{(x-1)(x-$$

$$U^2$$
 X^2 $2X+Y$ $du = (2X+2)$ dx $\sqrt{2}$

$$I = \int \frac{2x+2}{(x^2+1x+4)^2} dx - \int \frac{2}{(x^2+2x+4)^2} dx \qquad are sin$$

$$= \int \frac{du}{u^2} - \int \frac{\lambda}{(x^2 + u + \psi)^2} dx \qquad \begin{cases} x^2 + 2x + \psi \\ -\frac{1}{u} - \lambda I_2 \end{cases}$$

$$I_2 = \int (x^2 + 2x + 4)^2 dx = \int ((x + 1)^2 + 3)^2 dx$$

$$\int (x^{2}+2x+4)^{2} dx = \int (x+1)^{2}+3$$

$$(x+1)^{2}+3$$

$$(x+1)^{2}+3$$

$$\frac{\sum_{i=1}^{2} \left(t^{2} + 3 \right)^{2} dt}{t = \left[2 \cdot tan \left(6 \right) \right]}$$

$$= \frac{13}{9} \int \cos^2 s \, ds$$

$$= \cos^2 s + \sin^2 s + \cos^2 s + \cos^$$

