Transformata Laplace

$$\mathcal{D}_{J} = \int_{0}^{\infty} \frac{\cos 2x}{x^{2}y^{2}} dx = \frac{\pi}{3e^{2}}$$

$$\mathcal{D}_{J} = \int_{0}^{\infty} \frac{\cos 4x}{x^{2}y^{2}} dx = \frac{\pi}{3e^{2}}$$

$$\mathcal{D}_{J} = \int_{0}^{\infty} \frac{\cos 4x}{x^{2}} dx = \frac$$

$$= \frac{2}{10} \times (10) = \frac{20 + 3}{0 + 1} \cdot \frac{1}{(0 - 2)(0^{2} + 4)}$$
Descent frame in fractic simple pe $X(0)$

$$X(0) = \frac{20 + 3}{(0 + 1)(0 - 2)(0^{2} + 4)} = \frac{1}{0 + 1} + \frac{1}{0 - 2} + \frac{C_{0} + 1_{0}}{0^{2} + 4}$$

$$= \frac{20 + 3}{(0 + 1)(0 - 2)(0^{2} + 4)} + \frac{1}{3}(0 + 1)(0^{2} + 4) + \frac{C_{0} + 1_{0}}{0^{2} + 4}$$

$$= \frac{20}{10} \times 3 = A(0 - 2)(0^{2} + 4) + \frac{1}{3}(0 + 1)(0^{2} + 4) + \frac{C_{0} + 1_{0}}{0^{2} + 4}$$

$$= \frac{1}{10} \times 4 = \frac{1}{10} \times 4 = \frac{7}{10} \times 4 = \frac{7}{10}$$

$$= \frac{7}{10} \times 4 = \frac{7}{10} \times 4 =$$

DRn. ec.

$$x''(t) + x(t) = \frac{1}{\cos t} \left| \frac{x(0) = 1}{x(0) = 2} \right|$$

$$= 2 \left\{ \frac{1}{\cos t} \left[\frac{1}{$$

$$\int_{0}^{1} x^{2} |f(x)| = \int_{0}^{1} |f(x)| = |f(x)| + |f(x)| + |f(x)| = |f(x)| + |f$$

-2. Z(x'(4)(6). Z(sim+(6))

 $X(t) = cost + 2 sint + 2^{-1} \left(\frac{1}{c^2 + 1} \right) X \left(\frac{1}{cost} \left(\frac{1}{cost} \right) \left(\frac{1}{cost} \right)$

$$(A) = \frac{1}{10^{2}} \times (a) - 2a - 3 + 2 \times \frac{1}{2} \left(-\frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \times \frac{1}{2} \left(\frac{1}{2} \right) \right) + 2a \times \frac{1}{2} \left(\frac{1}{2} \right) - 2a - 3 + 2 \times \frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \right) - \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \times \frac{$$