$$(3^{2}+23+1)$$
 $Y(3) = \frac{1}{(1+1)^{2}} + 3$

$$(3+1)^4 + \frac{3}{(3+1)^2}$$

:.
$$y(E) = L^{-1} \left[\frac{1}{(8H)^2} \right] + L^{-1} \left[\frac{3}{(8H)^2} \right]$$

$$= e^{-t} \cdot \frac{t^3}{6} + L' \left[\frac{3+1-1}{(3+1)^2} \right]$$

$$= \frac{L^{3}}{6}e^{-L} + \frac{L^{-1}}{2}\left[\frac{1}{3+1}\right] - \frac{L^{-1}}{2}\left[\frac{1}{3+1}\right]$$

Solution of Parkid differential equation Using Laplace transform method

U(3,6) U(3,8) = L[U(3,6)] U(3,8) = L[U(3,6)] U(3,8) = L[Y(6)] U(4,6) U(4,8) = 48 U(4,8

Theorem: Let u(a, t) be a function of two variables a and t, and let U(x, s) = L[u(x, t)]. Then $\sqrt{(i)} = \left[\frac{3L}{3L}\right] = 80(x,s) - \alpha(x,o)$ (iv) $\Gamma L \frac{3F_5}{3\pi} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} (x^2 + x^2) - x \kappa(x^2 + x^2)$ $\sqrt{(iii)} \quad \Gamma\left[\frac{3\pi}{9\pi}\right] = \frac{4\pi}{9\pi}\left[\Omega(a^{-8})\right]$ $\left[\left(\frac{3^{3}}{3^{3}} \right) = \frac{3^{3}}{3^{2}} \left[O(x^{3}) \right]$

$$\left[(a^{(k)}) \right] \frac{2\pi}{9} \left[r = \frac{3a^{(k)}}{9a^{(k)}} \right] = \sqrt{\frac{9a^{(k)}}{9a^{(k)}}}$$

$$= \sqrt{\frac{9a^{(k)}}{9a^{(k)}}}$$

$$\frac{1}{2\pi} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty}$$

$$\left(\frac{\partial x}{\partial u} \right) = \int_{0}^{\infty} e^{-3t} \frac{\partial u}{\partial x} dt$$

$$= \frac{du}{dt} \left(\frac{\partial x}{\partial x} \right) = \frac{du}{dt} \left(\frac{\partial x}{\partial x} \right) dt$$

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