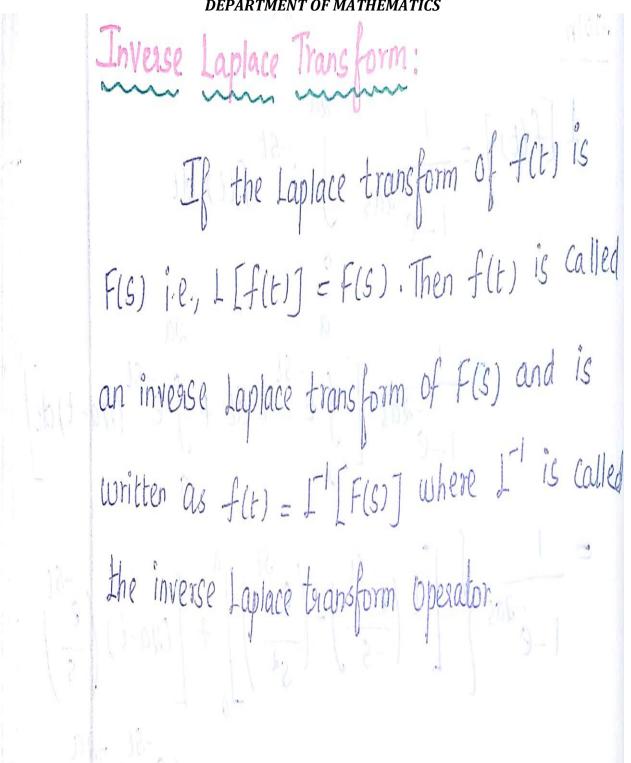


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|---|---|
| Table of Inverse Laplace | e Transformso: |
| (2)7 3/1/10 2/102/2003 2000 polar | $L^{-1}[F(s)] = f(t)$ |
| $1) L(1) = \frac{1}{s}$ | $L^{-1}\left(\frac{1}{5}\right) = 1$ |
| 12(2) 1(E) = 011 1 1 1 - [(8) | $1 - \left(\frac{1}{s^2}\right) = t$ |
| $ (3) L(t^n) = \frac{n!}{ S^{n+1} } $ | $\frac{1}{2}\left(\frac{n!}{S^{n+1}}\right) = t^n$ |
| (4) 1 (eat) = 11 in in in | $\left(\frac{1}{c-a}\right) = e^{ac}$ |
| $(5) L(e^{-at}) = \frac{1}{(s+a)}$ | $\frac{1}{s+a} = e^{at}$ |
| (6) $L(Sinat) = \frac{a ranks}{S^2 + a^2}$ | 1 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| $ (7) L\left(\frac{Sinat}{a}\right) = \frac{1}{S^2 + a^2} $ | $\int_{-1}^{-1} \left(\frac{1}{s^2 + a^2} \right) = \frac{\sin at}{a}$ |
| (8) $L\left(\cos at\right) = \frac{s}{s^2 + a^2}$ | $\frac{1}{\left(\frac{S}{S^2 + a^2}\right)} = \cos at$ |
| 9 \perp (sinhat) = $\frac{a}{s^2 - a^2}$ | $\int_{-1}^{-1} \left(\frac{a}{s^2 - a^2} \right) = Sinhat$ |
| | $\left(\frac{S}{S^2 a^2}\right) = \cosh at$ |
| then I [Stis]=12] I not | = (0) = S(E) |
| dt. | + f(0) f(6) |
| | |
| | |

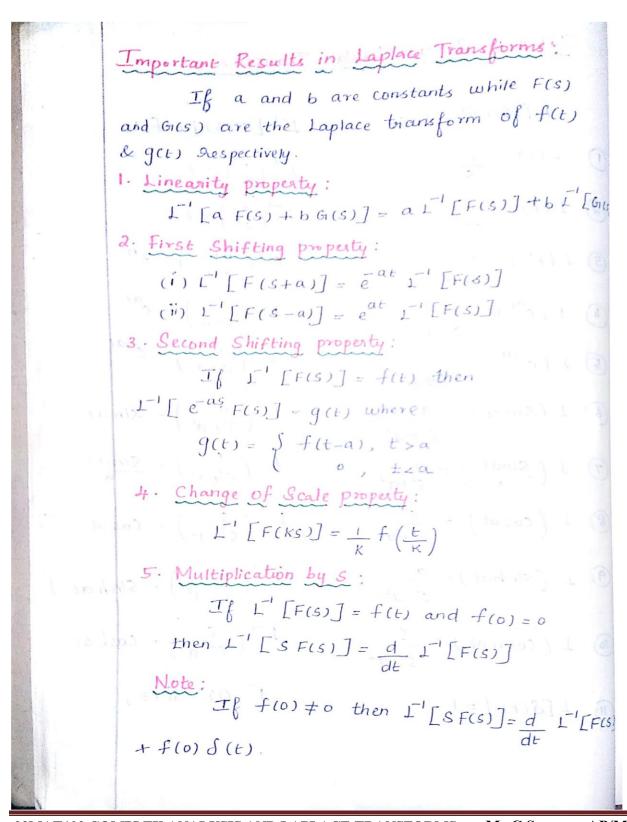




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