

Laplat ce Transform:
Chiven f(1) defined for
$$t \neq 0$$
, its Laplate
transform is a function of a new variable
 $s \in \mathbb{R}$
(capital letter corn to uput function
for the $s \in \mathbb{R}$ for which the integral T converges.
functions of t Laplace functions of S.
 $\xi \ge 1$: $f(t) = e^{at}$ a real, $t \neq 0$
 $L \xi f(t)^3(s) = ?$, for what s
does it unkle sense?
 $\xi \ge 2$: $f(t) = 1$ same
 $L: = L \xi f(t)^2 = lin \int_{a-s}^{a} e^{as} dt$
 $M = \frac{1}{2} = lin \int_{a-s}^{a} e^{as} dt$







