

Sample

↑  
EK↑<sup>ε</sup>↑

$$\int t e^{-st} dt$$

$$\begin{aligned}
 & \text{Lt} \\
 & \int_0^{\infty} t e^{-st} dt \\
 & = \left[ -\frac{t}{s} e^{-st} \right]_0^{\infty} + \int_0^{\infty} \frac{1}{s} e^{-st} ds \\
 & \int_0^{\infty} \frac{t}{s} e^{-st} dt
 \end{aligned}$$

