	(2) $\int \left(e^{-3x} - \frac{e^{2x}}{4 - e^{2x}}\right) dx$
Soln.	$\int_{-\infty}^{\infty} e^{-3x} dx - \int_{-\infty}^{\infty} \frac{e^{2x}}{4-e^{2x}} dx.$
æt u _du - 3	
Thusg	$T = \int e^{u} \frac{du}{du} - \int \frac{e^{2x}}{0} \frac{du}{(-2e^{2x})}$ $= -\frac{1}{3} \int e^{u} du + \frac{1}{2} \int \frac{du}{u}$
	$= \frac{1}{3} e^{u} + \frac{1}{2} ln(u) + C$ $= -\frac{1}{3} e^{3x} + \frac{1}{2} ln(4-e^{2x}) + C.$ Ans