

LAND (Laplace)
LEXX Evaluate See AX Note fox)= [x e dy Soli Set I = 50 E 2 dx not exmentary fin ntegrat So So e x2-y2 dy dx y-tx or (1+t2)x2 Fubini (00 -1 (00 -2(1+t2)) X -(1+t2) X = 3/1/1+t21 (-2(1+t2)) X e dx dt $=\int_{0}^{\infty}\frac{1}{a(1+t^{2})}\int_{0}^{\infty}\frac{1}{ax}\frac{-(1+t^{2})x^{2}}{dx}dt$ = (D +1 (O=1) at = 1 (H + 2 dt $=\frac{1}{2} tant | m = T$ DO I = (CX dX = JT

Per-Duet