

Ozel Vazquez Logez $\int_{0}^{3} \int_{0}^{3} e^{x+3y} dxdy = e^{x+3y} \Big|_{0}^{3} = \left(e^{3+3y}\right) - \left(e^{x+3y}\right) = e^{x+3y}$ So 3+34 34 dy = 3+34 34 (3+3.4 2.7) - (3+3.0 3.0) e⁶-2e+1 3 =/ 550 (x2+24) da 5°5 x (x2+24) dy dx = x2y + y2 = (x-x+x2)-(x-x+x6) -x-x+x+x2