

أثبت أن:

$$\int J_3(x)dx = -J_2(x) - \frac{2}{x}J_1(x) + C$$

(1)

$$\int xJ_0^2(x)dx = \frac{x^2}{2}(J_0^2(x) + J_1^2(x)) + C$$

(2)