

EJERCICIO 142853054:

$$\int (x+3) \cdot e^{x^2+6x+3} dx =$$

$$\boxed{\int f'(x) \cdot e^{f(x)} dx = e^{f(x)} + C}$$

$$\frac{1}{2} \int 2(x+3) \cdot e^{x^2+6x+3} dx = \boxed{\frac{1}{2} \cdot e^{x^2+6x+3} + C}$$