

EXERCÍCIO 9

$$\int \frac{(\ln x)^2}{x} dx = \int u^2 du = \frac{u^3}{3} = \frac{(\ln x)^3}{3} + C$$

$$u = \ln x$$

$$du = \frac{1}{x} dx$$

Obs: $(\ln x)^3 = \ln^3 x \neq \ln x^3$

