

P1. Calculați:

a)

$$\int \left(1 + \frac{1}{x} + \frac{1}{x^2}\right) \cdot \ln(x^2 - 1 + x \cdot \ln(x)) dx;$$

b)

$$\int \left(1 - \frac{1}{x} + \frac{1}{x^2}\right) \cdot \ln\left(1 - \frac{1}{x^2} - \frac{\ln(x)}{x}\right) dx$$