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$$T = \int \frac{\ln x \, dx}{x^2 + 1} = \int \frac{\ln e \, e^{t} \, dt}{e^{2t} + 1} = \int \frac{t \, e^{t} \, dt}{e^{2t} + 1} = \int \frac{t \, dt}{e^{2t} + 1} = \int \frac{\ln x \, dx}{x^2 + 1} = \int \frac{\ln x \, dx}{x^$$