

Answer on Question #51703 – Math – Integral Calculus

What is the definite integral of this $|\ln x|$. Limit is from -2 to +8?

Solution

$$\int_{-2}^8 |\ln x| dx$$

This integral doesn't exist, because the domain of function $\ln x$ is $(0; \infty)$. Thus, expression $|\ln x|$ at $[-2; 0]$ is not defined.