$$ln[*]:=$$
 Integrate $\left[\frac{Log[1-x]}{x^2+1}, \{x, 0, 1\}\right]$

$$-\mathsf{Catalan} + \frac{1}{8} \pi \, \mathsf{Log} \, [\, 2\,]$$

Out[•]=

$$ln[a]:= Plot \left[\frac{Log[1-x]}{x^2+1}, \{x, 0, 1\} \right]$$



