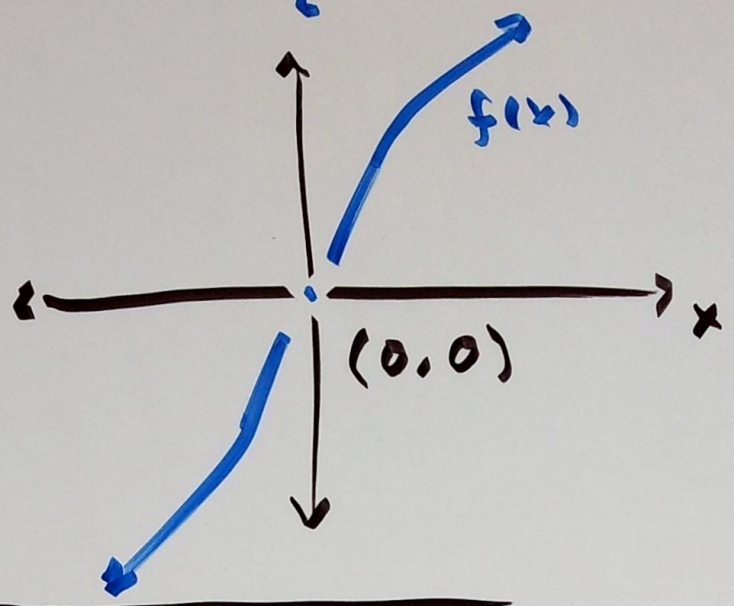
3

f

$$f(x) = \ln\left[x + \sqrt{x^2 + 1}\right]$$



CANCELLATION NEAR

$x = \emptyset$

FOR

$x < \emptyset$

ONLY

COMPUTE AS

$f(x) = \sinh^{-1}(x)$