3/e $f(x) = 1 - 2\sin^2 x$

LOSS OF PRECISION NEAR $x = \frac{\pi}{4}, \frac{3\pi}{4}$ FOR $0 < x < \pi$

REFORMULATE $f(x)$ AS

$$f(x) = \cos(2x)$$

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

LOSS OF PRECISION NEAR $x = 0$

REFORMULATE AS

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