

$$\frac{\varphi}{\sqrt{\varphi^2}} \times 2 \times \tan^{-1} \left(\tan \left(\frac{\sqrt{\varphi^2} - 180^\circ}{2} \right) \right) + 180^\circ$$

$$\frac{\varphi}{|\varphi|} \times 2 \times \tan^{-1} \left(\tan \left(\frac{|\varphi| - 180^\circ}{2} \right) \right) + 180^\circ$$

$$\text{sign}(\varphi) \times 2 \times \tan^{-1} \left(\tan \left(\frac{\text{abs}(\varphi) - 180^\circ}{2} \right) \right) + 180^\circ$$