

$$\sqrt{\arcsin(\sinh(x))^2} \quad (1)$$

$$\frac{d}{dx}(x) = 1 \quad (2)$$

$$\frac{d}{dx}(\sinh(x)) = \cosh(x)1 \quad (3)$$

$$\frac{d}{dx}(\arcsin(\sinh(x))) = \frac{\cosh(x)1}{\sqrt{1 - \sinh(x)^2}} \quad (4)$$

$$\frac{d}{dx}(\sqrt{\arcsin(\sinh(x))}) = \frac{\frac{\cosh(x)1}{\sqrt{1 - \sinh(x)^2}}}{2\sqrt{\arcsin(\sinh(x))}} \quad (5)$$

$$\frac{d}{dx}(2) = 0 \quad (6)$$

$$\frac{d}{dx}(x) = 1 \quad (7)$$

$$\frac{d}{dx}(\sinh(x)) = \cosh(x)1 \quad (8)$$

$$\frac{d}{dx}(\arcsin(\sinh(x))) = \frac{\cosh(x)1}{\sqrt{1 - \sinh(x)^2}} \quad (9)$$

$$\frac{d}{dx}(\sqrt{\arcsin(\sinh(x))}) = \frac{\frac{\cosh(x)1}{\sqrt{1 - \sinh(x)^2}}}{2\sqrt{\arcsin(\sinh(x))}} \quad (10)$$

$$\frac{d}{dx}(\ln(\sqrt{\arcsin(\sinh(x))})) = \frac{\frac{\frac{\cosh(x)1}{\sqrt{1 - \sinh(x)^2}}}{2\sqrt{\arcsin(\sinh(x))}}}{\sqrt{\arcsin(\sinh(x))}} \quad (11)$$

$$\frac{d}{dx}(0) = 0 \quad (12)$$

$$\frac{d}{dx}(\ln(\sqrt{\arcsin(\sinh(x))})0) = \frac{\frac{\frac{\cosh(x)1}{\sqrt{1 - \sinh(x)^2}}}{2\sqrt{\arcsin(\sinh(x))}}}{\sqrt{\arcsin(\sinh(x))}}0 + 0\ln(\sqrt{\arcsin(\sinh(x))}) \quad (13)$$

$$\frac{d}{dx}(\sqrt{\arcsin(\sinh(x))}^2) = \sqrt{\arcsin(\sinh(x))}^0 \frac{\frac{\cosh(x)1}{\sqrt{1-\sinh(x)^2}}}{\frac{2\sqrt{\arcsin(\sinh(x))}}{\sqrt{\arcsin(\sinh(x))}}} 0 + 0 \ln(\sqrt{\arcsin(\sinh(x))}) \quad (14)$$

$$\sqrt{\arcsin(\sinh(x))}^0 \frac{\frac{\cosh(x)1}{\sqrt{1-\sinh(x)^2}}}{\frac{2\sqrt{\arcsin(\sinh(x))}}{\sqrt{\arcsin(\sinh(x))}}} 0 + 0 \ln(\sqrt{\arcsin(\sinh(x))}) \quad (15)$$