

$$\int \sinh x \, dx = \cosh x$$

$$\int \operatorname{cosech}^2 x \, dx = -\coth x$$

$$\int \cosh x \, dx = \sinh x$$

$$\int \operatorname{cosech} x \coth x \, dx = -\operatorname{cosech} x$$

$$\int \operatorname{sech}^2 x \, dx = \tanh x$$

$$\int \operatorname{sech} x \tanh x \, dx = -\operatorname{sech} x$$

$$\int \frac{1}{\sqrt{x^2 + 1}} \, dx = \operatorname{arsinh} x$$

$$\int \frac{1}{\sqrt{1 - x^2}} \, dx = \arcsin x$$

$$\int \frac{1}{\sqrt{x^2 - 1}} \, dx = \operatorname{arcosh} x$$

$$\int \frac{-1}{\sqrt{1 - x^2}} \, dx = \arccos x$$

$$\int \frac{1}{1 - x^2} \, dx = \operatorname{artanh} x$$

$$\int \frac{1}{1 + x^2} \, dx = \arctan x$$