

0.1 Hyperbolic functions

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$$\sinh(\theta) := \sin(i\theta)$$

$$\cosh(\theta) := \cos(i\theta)$$

$$\tanh(\theta) := \tan(i\theta)$$

0.1.2 Inverse trigonometric functions

$$\sinh(\operatorname{arcsinh}(\theta)) := \theta$$

$$\cosh(\operatorname{arccosh}(\theta)) := \theta$$

$$\tanh(\operatorname{arctan}(\theta)) := \theta$$