

$$T \longrightarrow \ln \longrightarrow \tau$$

Inverse

$$e^T \longrightarrow \tau$$

Exponential

$$e^T \longrightarrow \tau$$

Log Base Change

$$\frac{\log_b(\tau)}{\log_b(e)} \longrightarrow \tau$$

Integral

$$\int_1^\tau \frac{1}{x} dx \longrightarrow T$$

Complex

$$\ln(|\tau|) + i \arg(\tau) \longrightarrow T$$