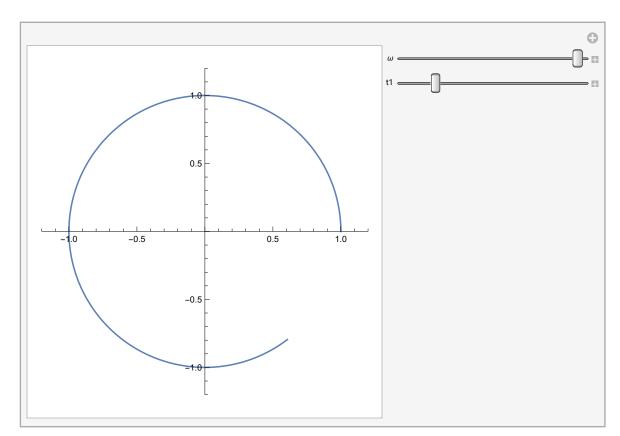
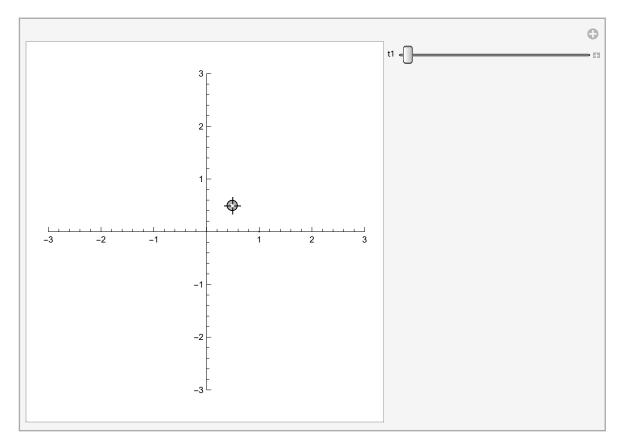
# 从傅里叶变换到拉普拉斯变换

 $\{\{\omega, 1\}, 0.001, 5\}, \{\{t1, 0.001\}, 0.001, 2\pi\}]$ 

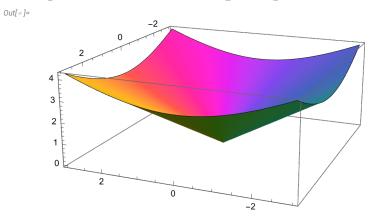
Out[ • ]=



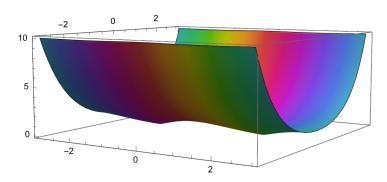
Out[ • ]=



#### 

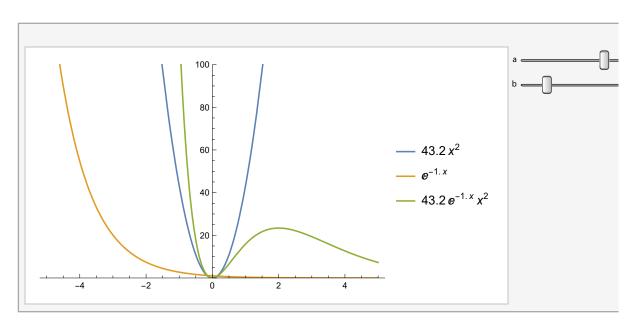


Out[ • ]=



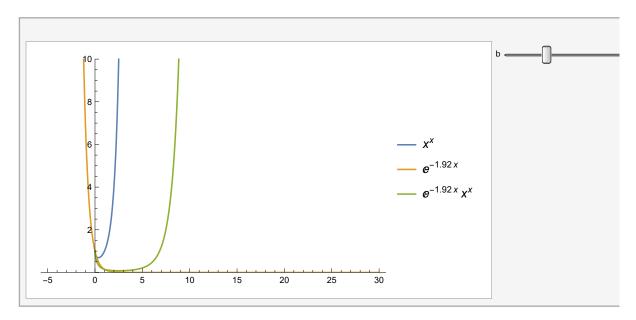
### 对于a x<sup>2</sup>

Out[ • ]=



### 对于X<sup>x</sup>

Out[ • ]=

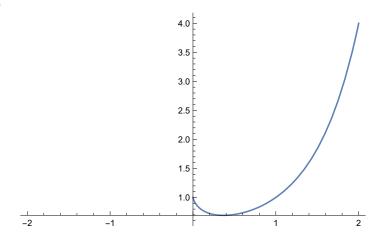


### 拉氏变换

#### LaplaceTransform

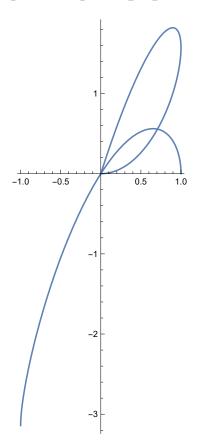
拉普拉斯变换

Out[ • ]=



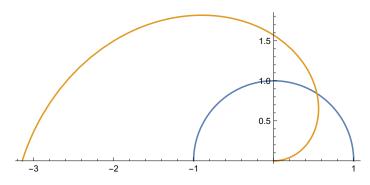
## 

Out[ • ]=



## 

Out[ • ]=

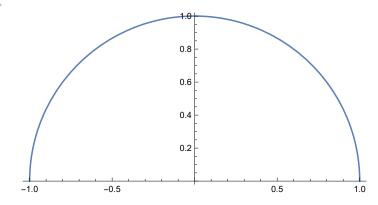


$$ln[\ \ \ ]:=$$
  $\left\{ \mathbf{e}^{-\mathbf{Im}\left[\omega\right]},\,\mathbf{Arg}\left[\mathbf{e}^{\mathbf{i}\left[\omega\right]}\right]\right\} \ /.\ \omega \to \mathbf{1}$ 

Out[ • ]=  $\{1, 1\}$ 

## 

Out[ • ]=



#### Signal

Out[ • ]=

[•] Locator3D | •