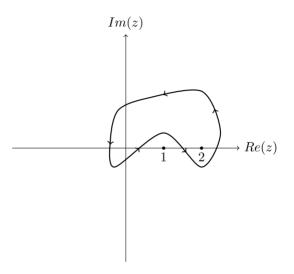


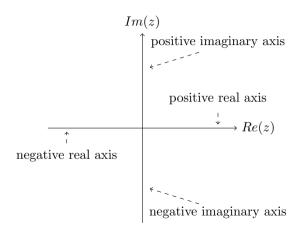
$$Im(z)$$

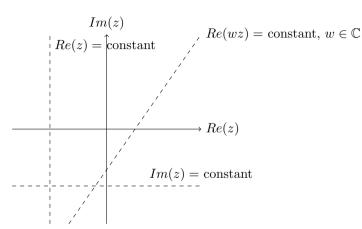
$$+i = e^{i\frac{\pi}{2}}$$

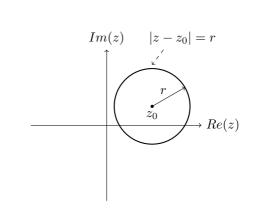
$$e^{-i\frac{\pi}{2}} = e^{i3\frac{\pi}{2}} = -i$$

$$Re(z)$$

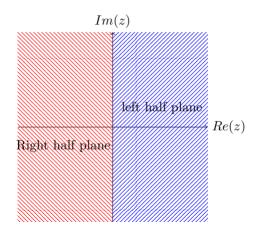


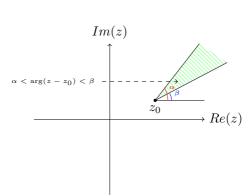


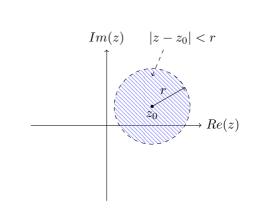


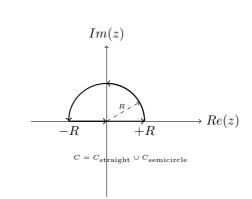


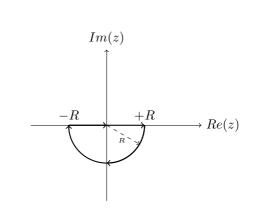
Im(z)pper half plane Re(z)Lower half plane

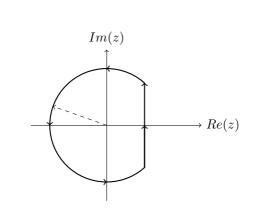


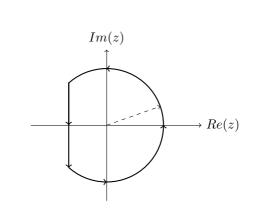


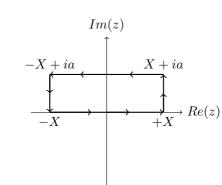


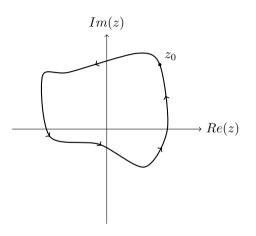


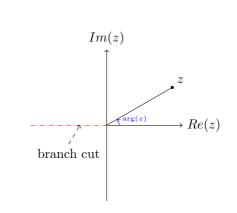


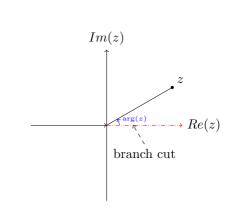


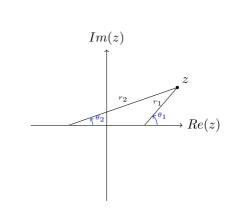


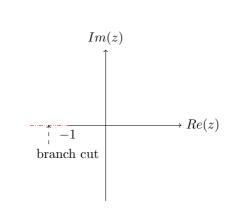


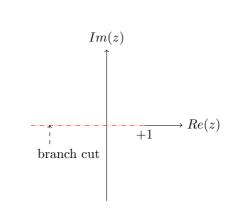


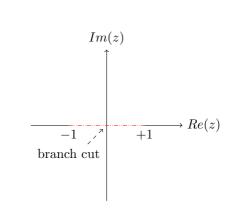


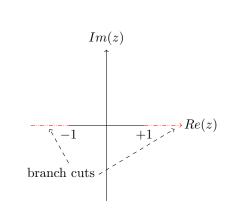


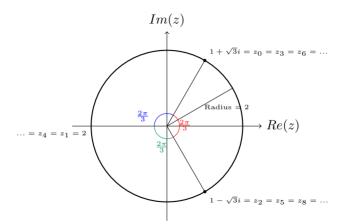


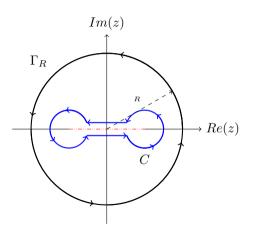


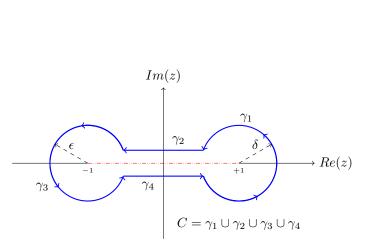


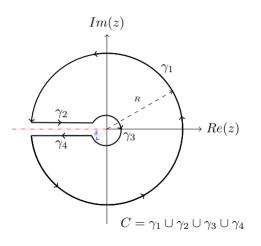


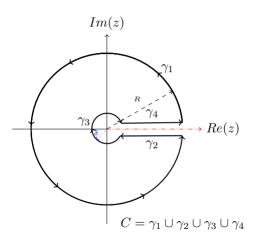


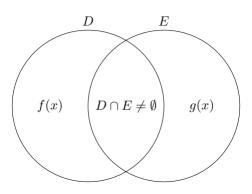


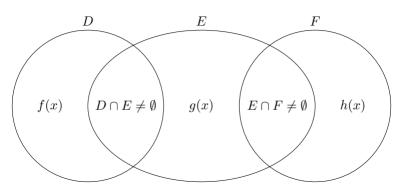


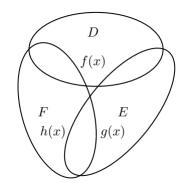


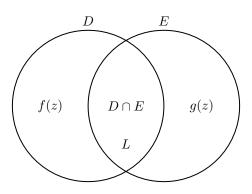


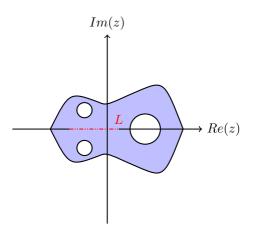


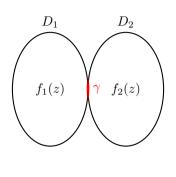


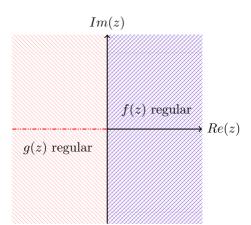


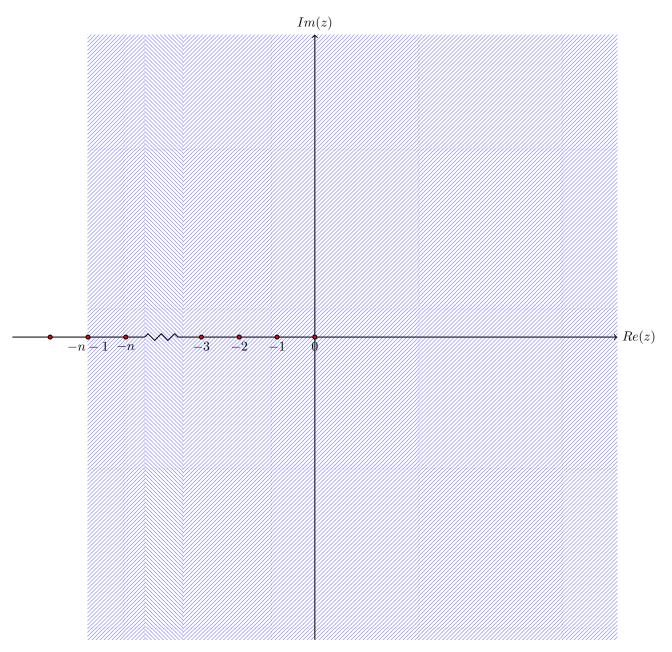


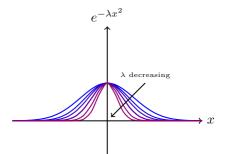


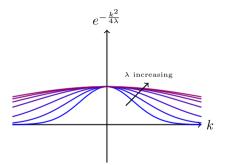


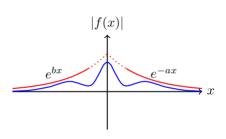


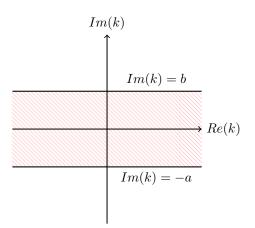


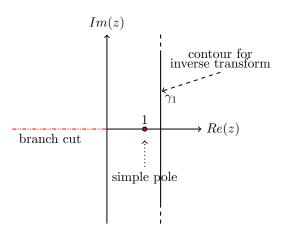


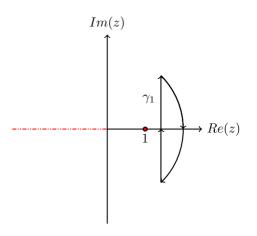


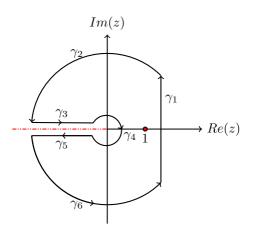












$$f(x)$$

$$f(x) = u_0 e^{-ax}, (x > 0)$$

$$f(x) = 0, (x \le 0)$$

