

Figure 0.1: The planar set representing $|z| \leq 3$

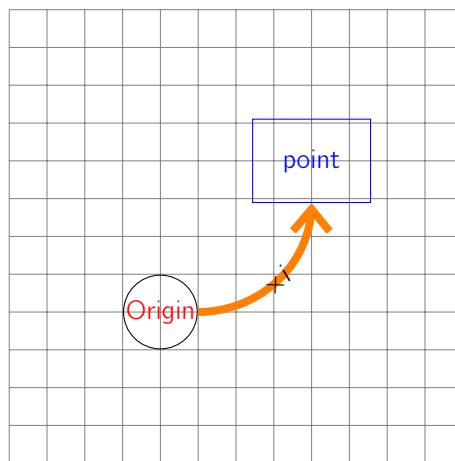


Figure 0.2: Practicing with nodes

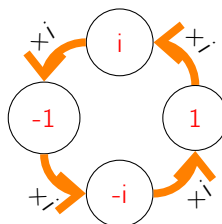


Figure 0.3: Practicing with nodes

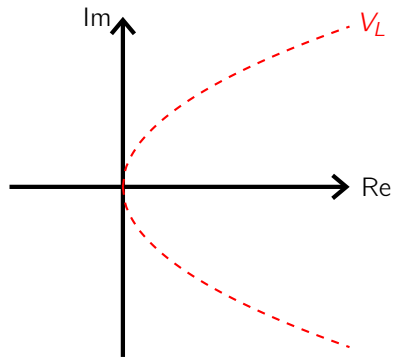


Figure 0.4: Plotting the functions

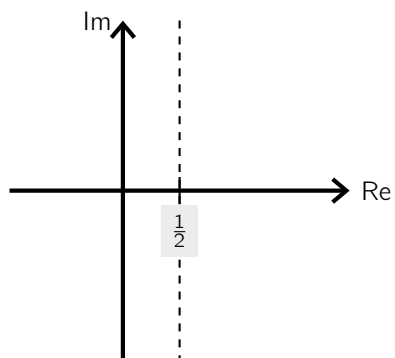


Figure 0.5: Sample plot in \mathbb{C}

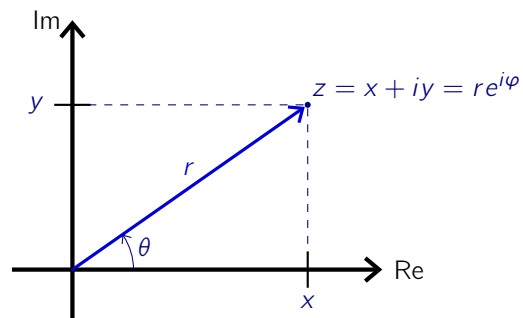


Figure 0.6: A summary of the polar and Cartesian representation of the complex numbers.

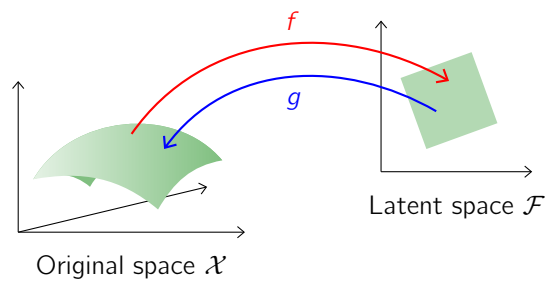


Figure 0.7: Manifold Example

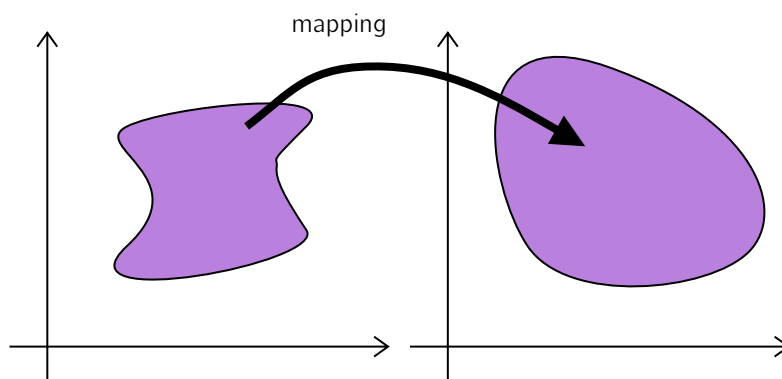


Figure 0.8: Mapping