

$$\rho_{\mathbb{D}}(z) = \frac{1}{1-|z|^2}$$

$$\rho_{\mathbb{H}}(z) = \frac{1}{2 \operatorname{Im}(z)}$$

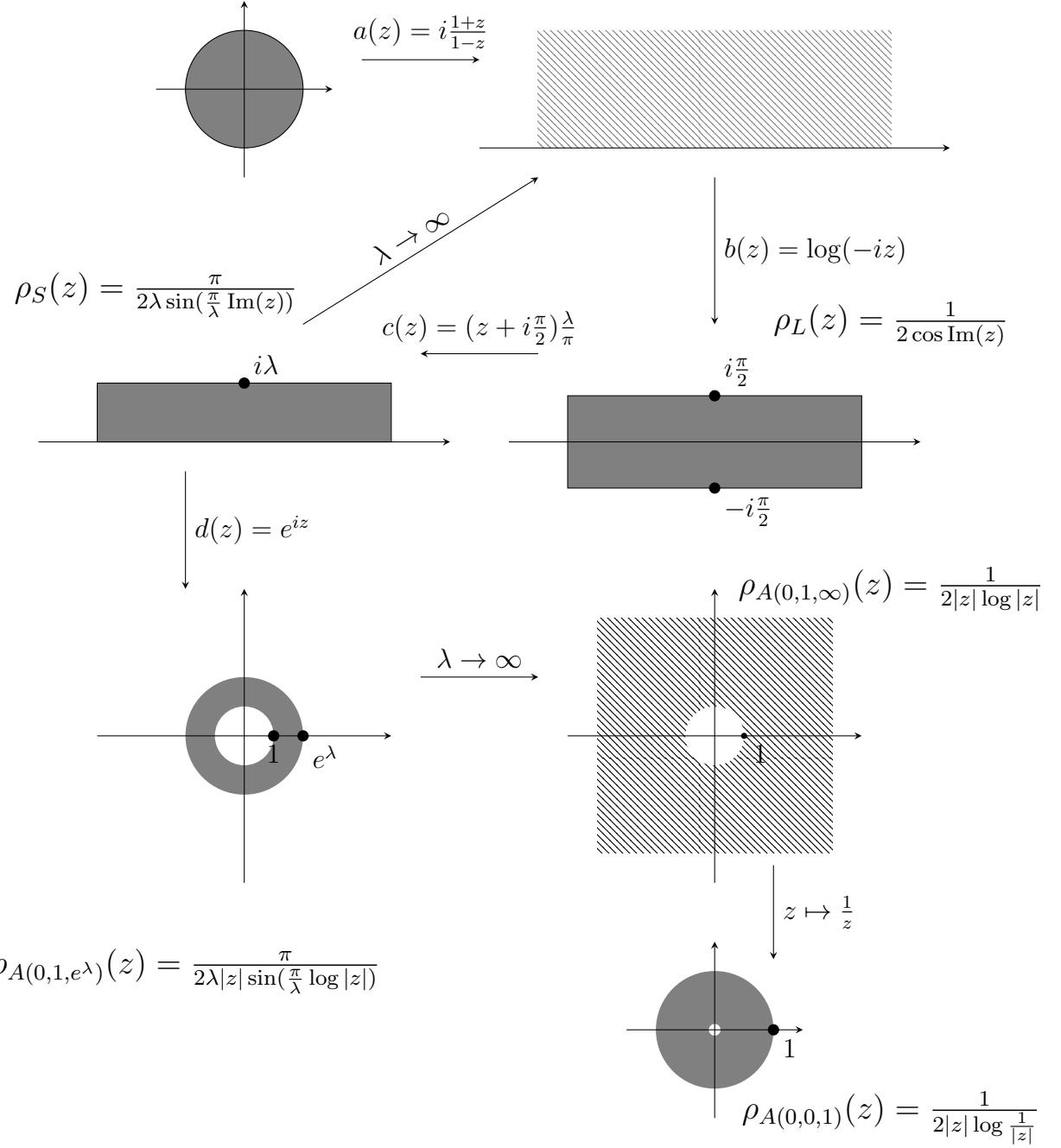


FIGURE 1. Hyperbolic densities of various domains.