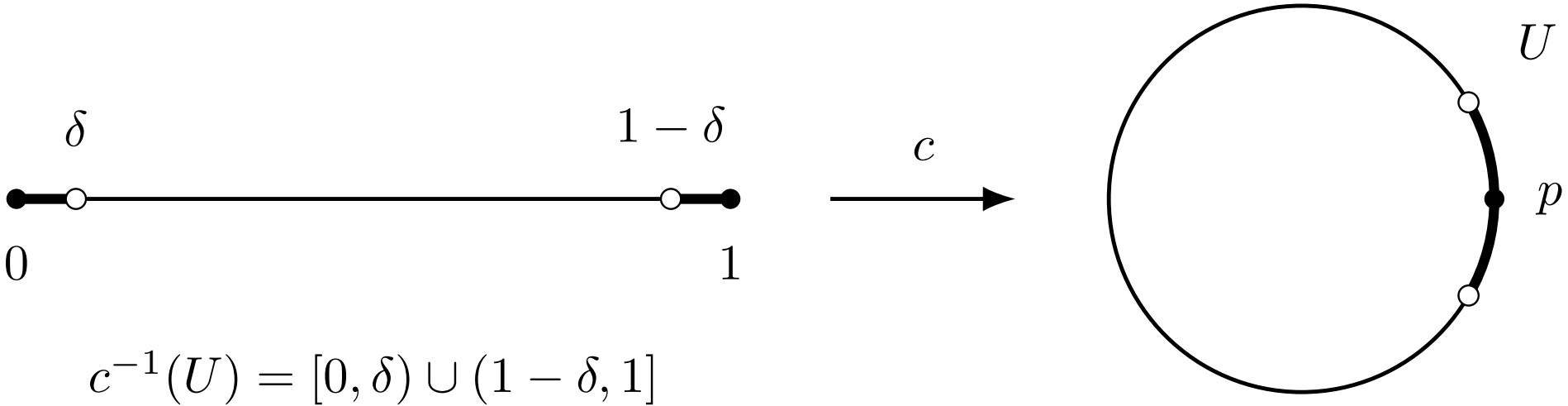


$$c^{-1}(U) = [0, \delta) \cup (1 - \delta, 1]$$