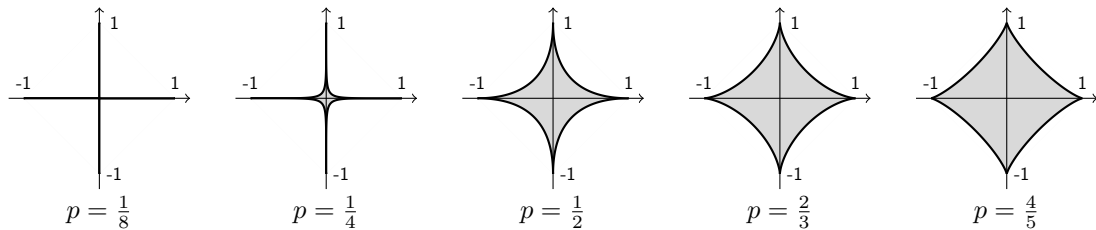
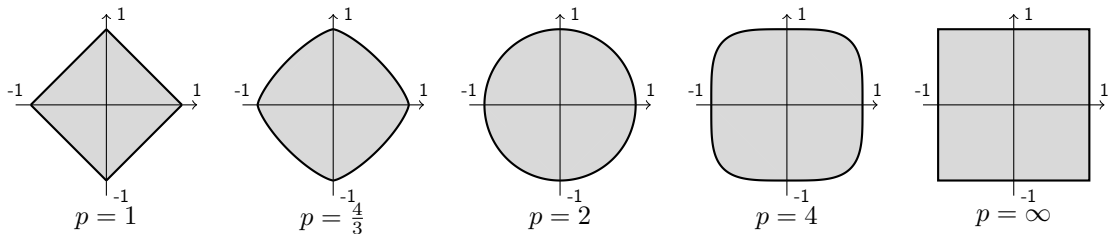


$$\mathcal{C}_p = \{(x, y) \mid (|x|^p + |y|^p)^{1/p} \leq 1\}$$



(a) $p < 1$: nonconvex sets



(b) $p \geq 1$: convex sets