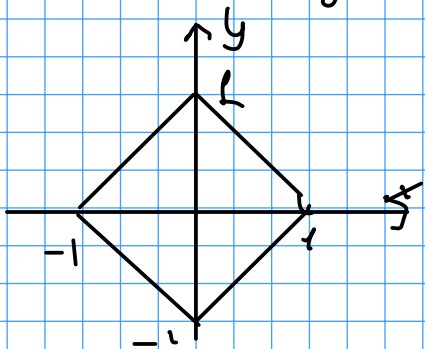
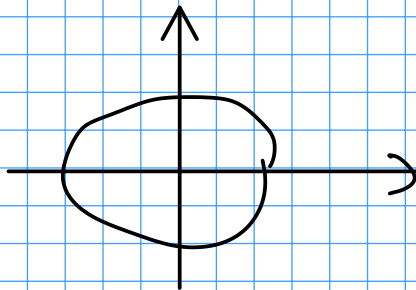


$$f_1: |x-0| + |y-0| < 1.$$



$$f_2: \sqrt{x^2 + y^2} < 1.$$



$$f_\infty: \max\{|x|; |y|\} < 1.$$

