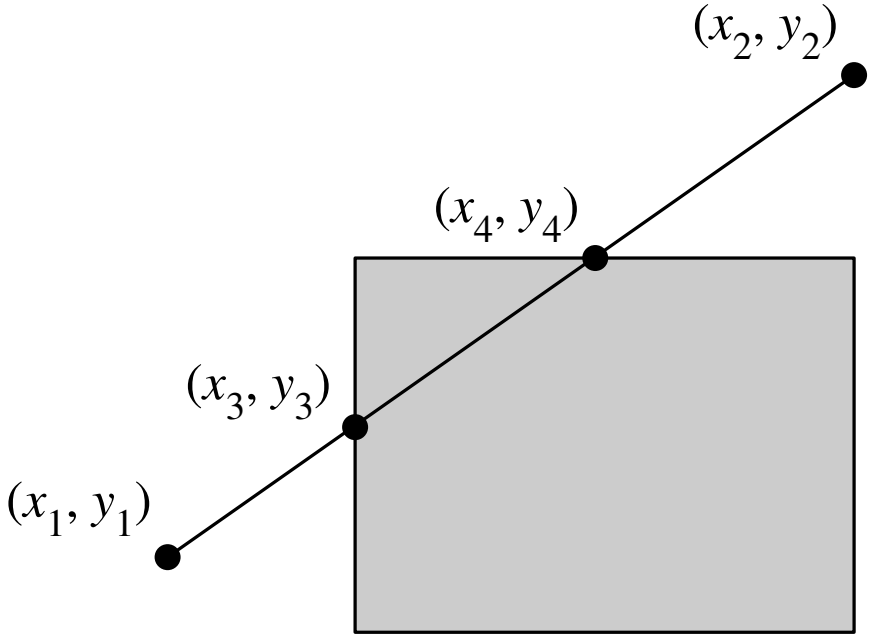

(a)

(b)