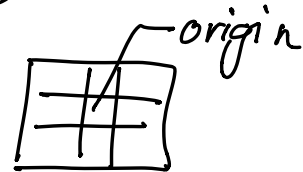EE6222 2023-2024 Semester 2.

1. A step8 step4
   (a)   (b)   (c)   (d)

Solution: (a)

① find the initial point p
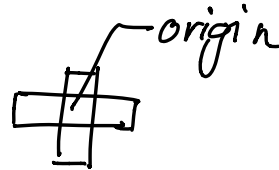
② Structuring element —origin

③ $X_k = (X_{k-1} \oplus B) \cap A$, $k = 1, 2, 3$

④ Final result

(b) ① find the initial point p

② Structuring element —origin

③ $X_k = (X_{k-1} \oplus B) \cap A$, $k = 1, 2, 3$

④ Final result

(c)

		3		3
	3	2	2	
			1	1
			0	
	2	1		

(d)

		5			
	4	3	2		
			1	2	
			0		