1 Fortune's Algorithm for the Voronoi Diagram

1
2
3
5
4
6
7

β_p

$p = (p_x, p_y)$ A $q = (q_x, q_y)$

B

l

(1) before site event

(2) site event

(3) after site event

① before circle event

② circle event

③ after circle event

schedule site events

1

2

3

4

5

6

7

site event occurs: schedule new circle events

p_1 p_2 p_3

C

potential future circle event
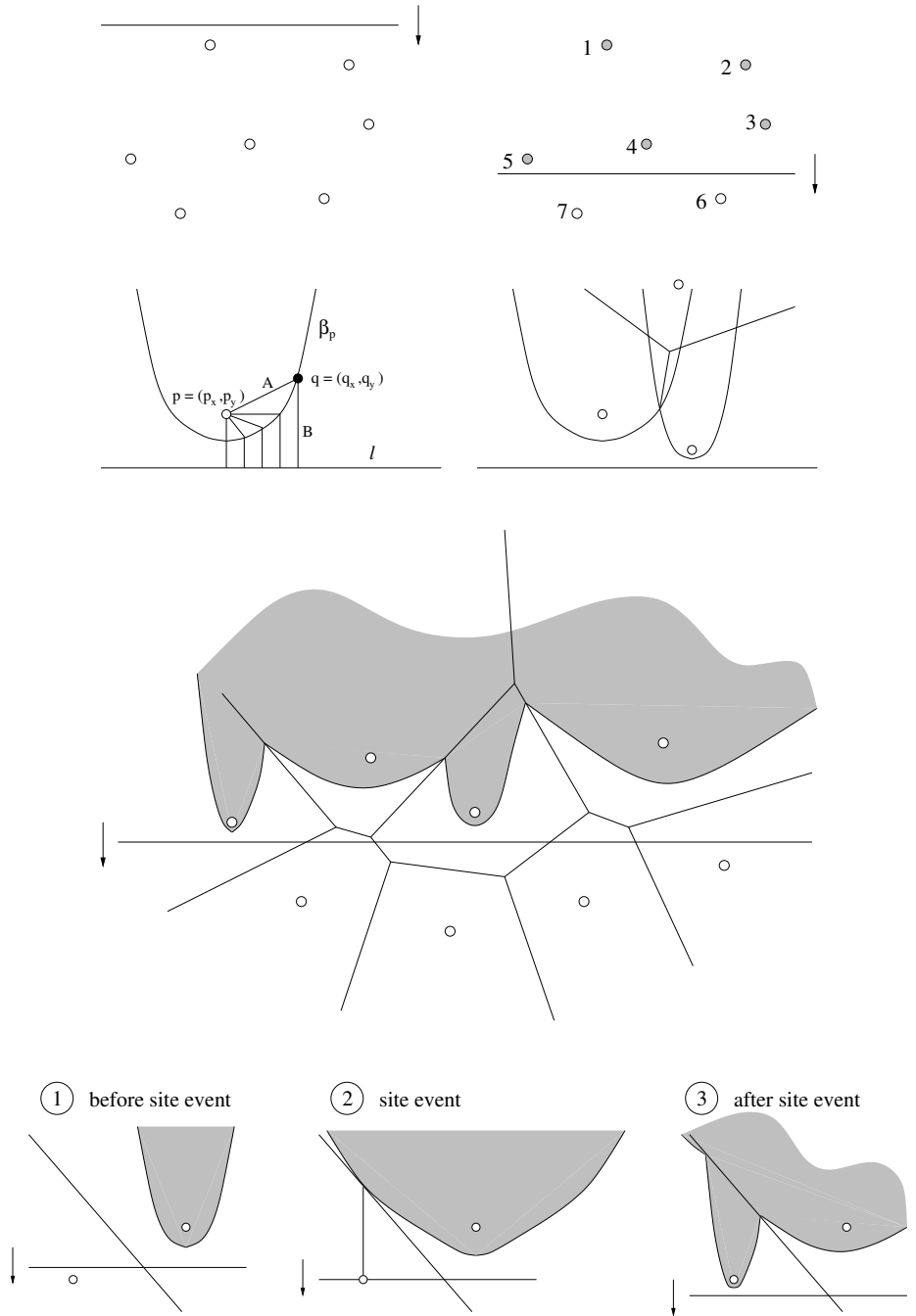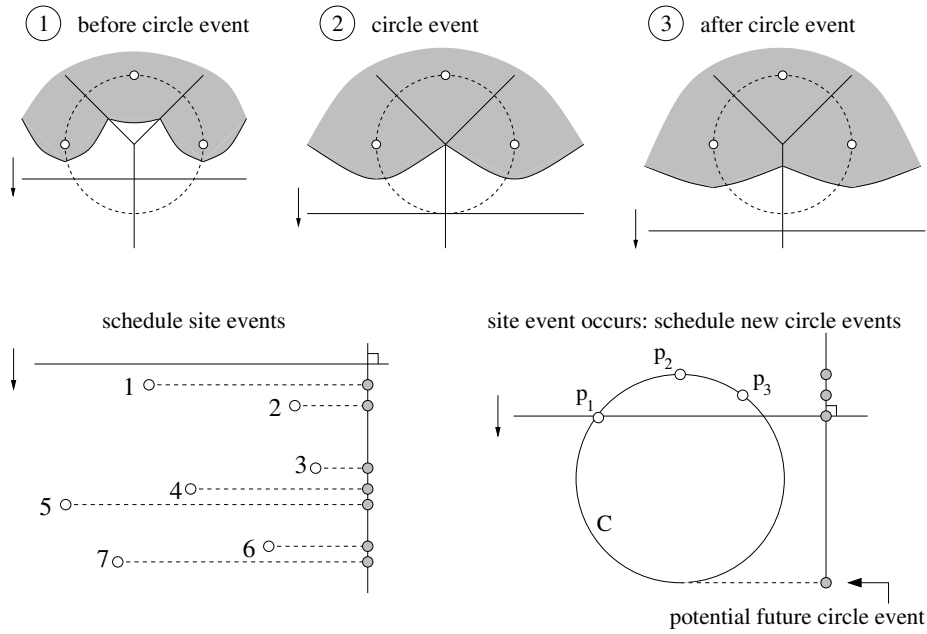
2   Delaunay Triangulation

a
b
c
d
e