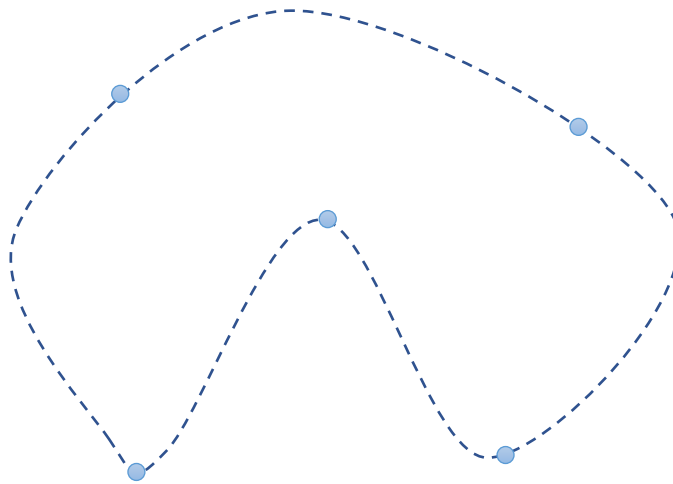
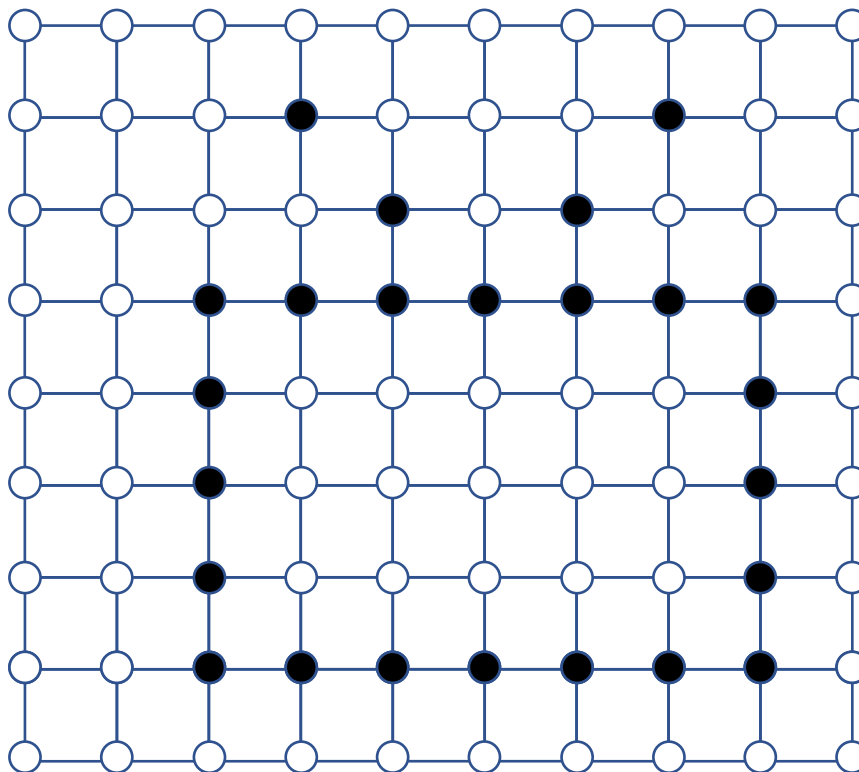


# CS3242: Lab 5 Worksheet

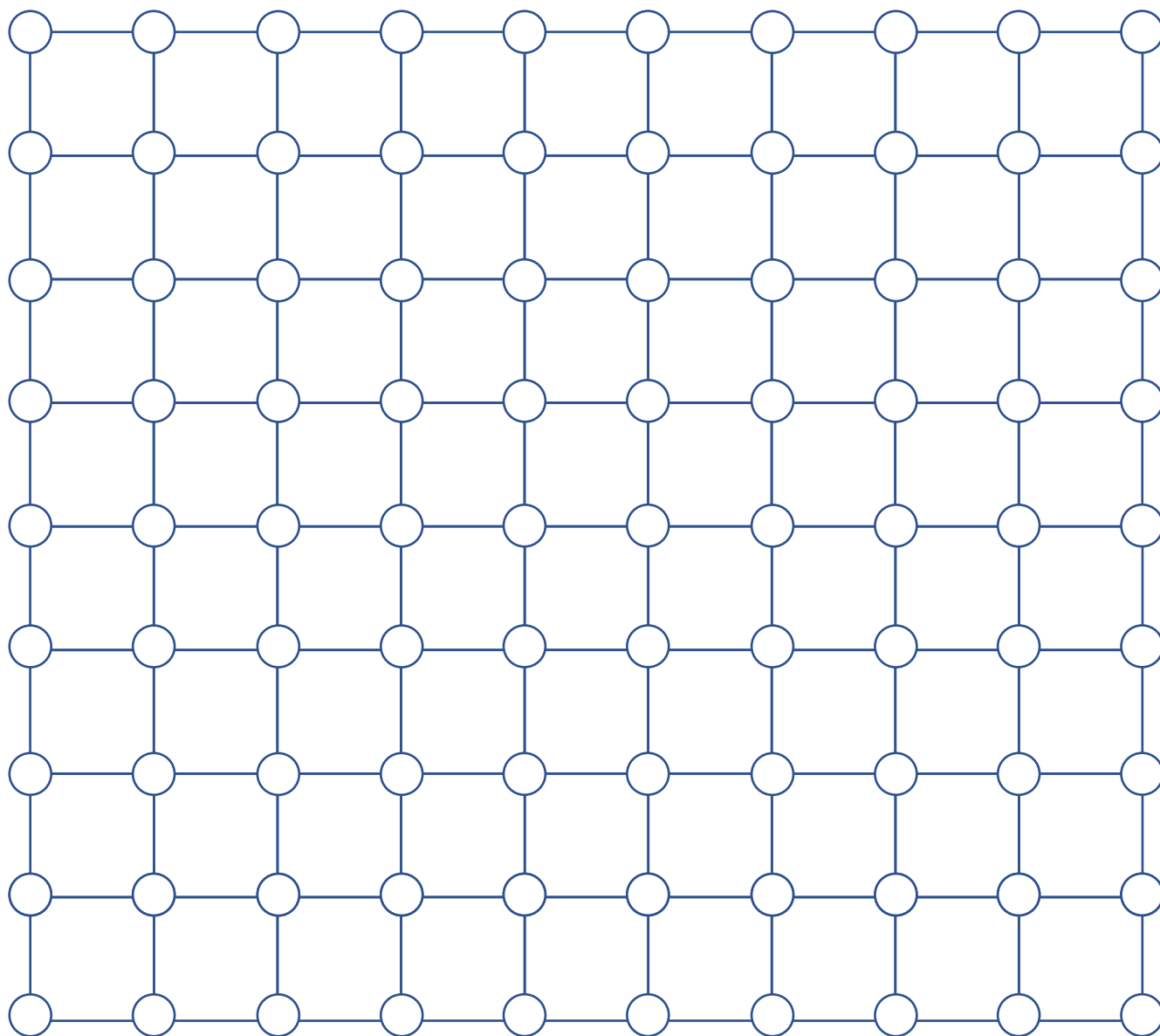
**Exercise 1:** Given a curve in 2D in dash. Add a point to the sampling and make the RDT homeomorphic to the original curve. Draw the Voronoi Diagram and RDT.



**Exercise 2:** Reconstruct the following curve in 2D by marching cube.



**Exercise 3:** Create a closed curve below. Shade the dots on the other sheet to indicate which dots are inside your curve. Copy the dots and pass it to your friend to ask him/her to reconstruct your curve with marching cubes.



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