CS430/630 – Homework 7

50 points

Due May 21 23:59:59

Instructions: The homework is due on Mon, May 21st, 11:59pm. Submission is done in electronic format: create a folder HW7 in your course directory and place the source code there. Name your source file knncloak.sql. Make sure you set the proper permissions for files!

Question 1 (50 points)

Given the `coordinates` schema we used in the class examples, and the additional structures (index), write a PL/SQL procedure called `knncloak` which implements the two-rounds NN cloaking SKA technique. The procedure must receive as argument the ID of the querying user, and an integer K. The procedure must print on the screen the cloaking region (i.e., minimum bounding rectangle) obtained using the 2-round KNN.