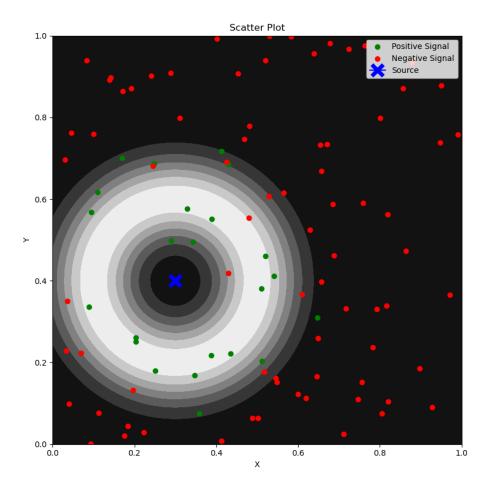
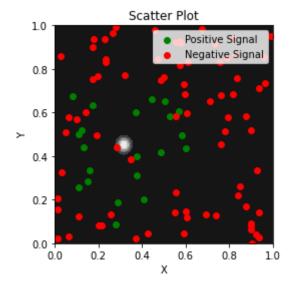
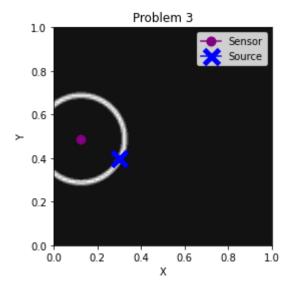
Problem 1:



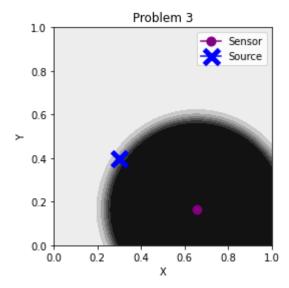
Problem 2:



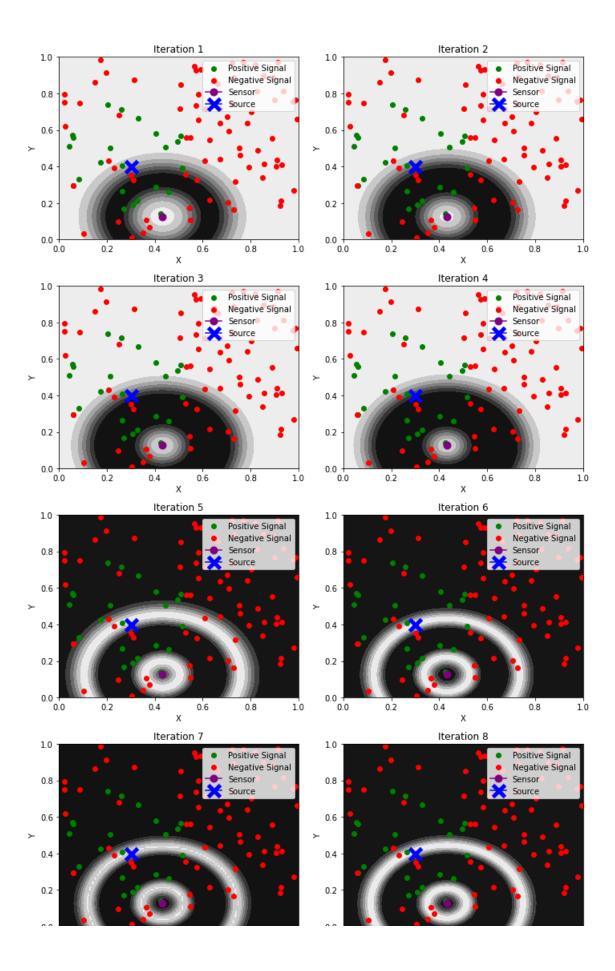
Problem 3a:

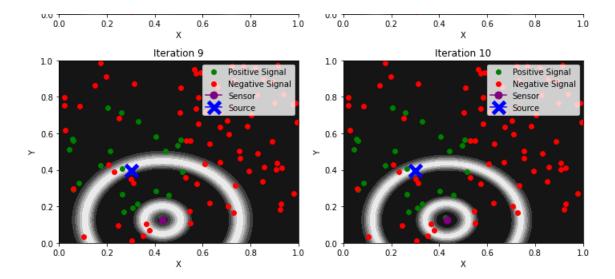


Problem 3b:



Problem 4:





Problem 5: ![5](images/part5.png)