

Homework 2

Graphes

a.) The figure for question a:

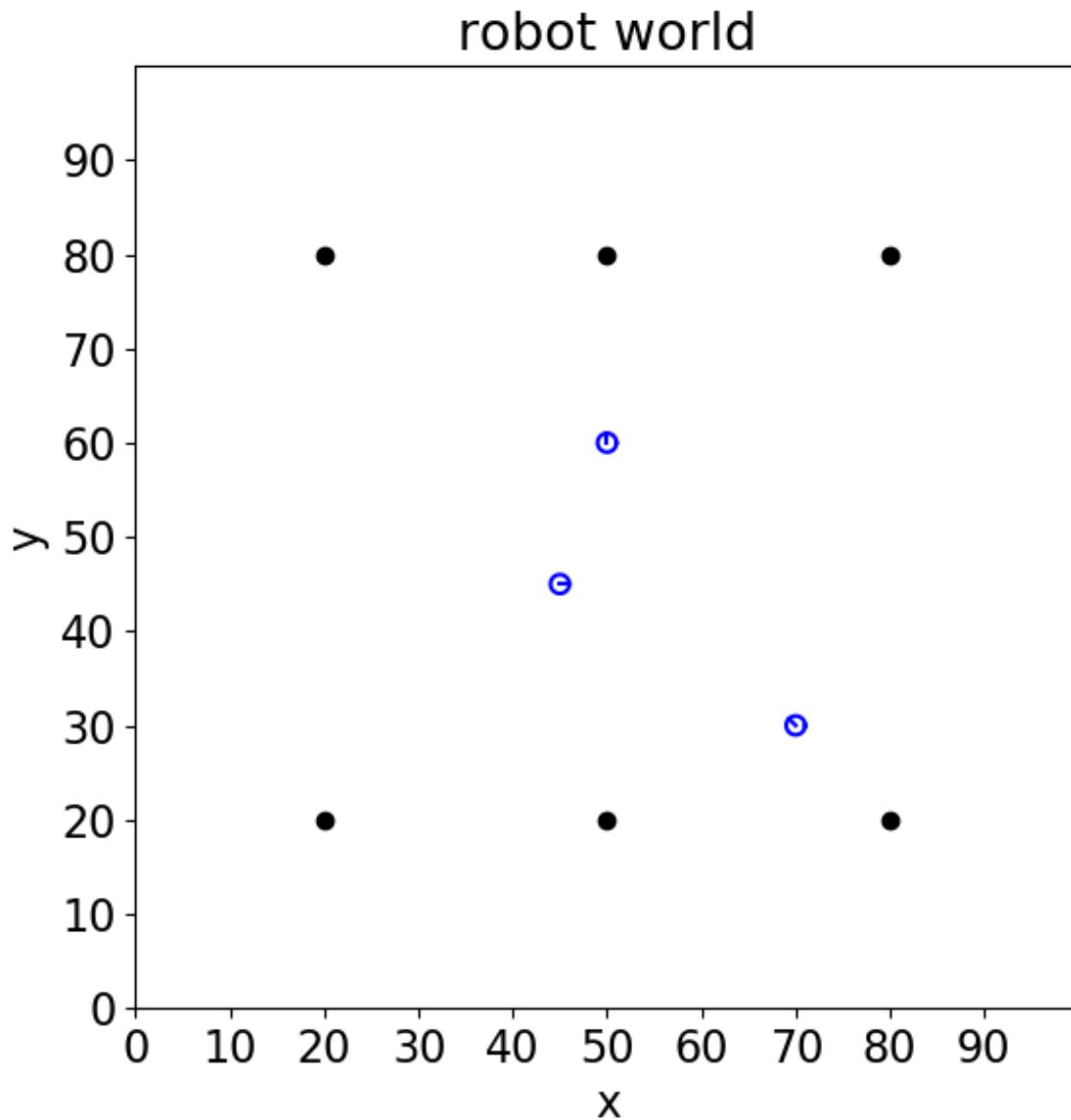


Figure 1: Figure a, location for 3 robots

b-d.) The answer for this questions are in section "Code" and is at the beginning of it.

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e.) The figure for question e:

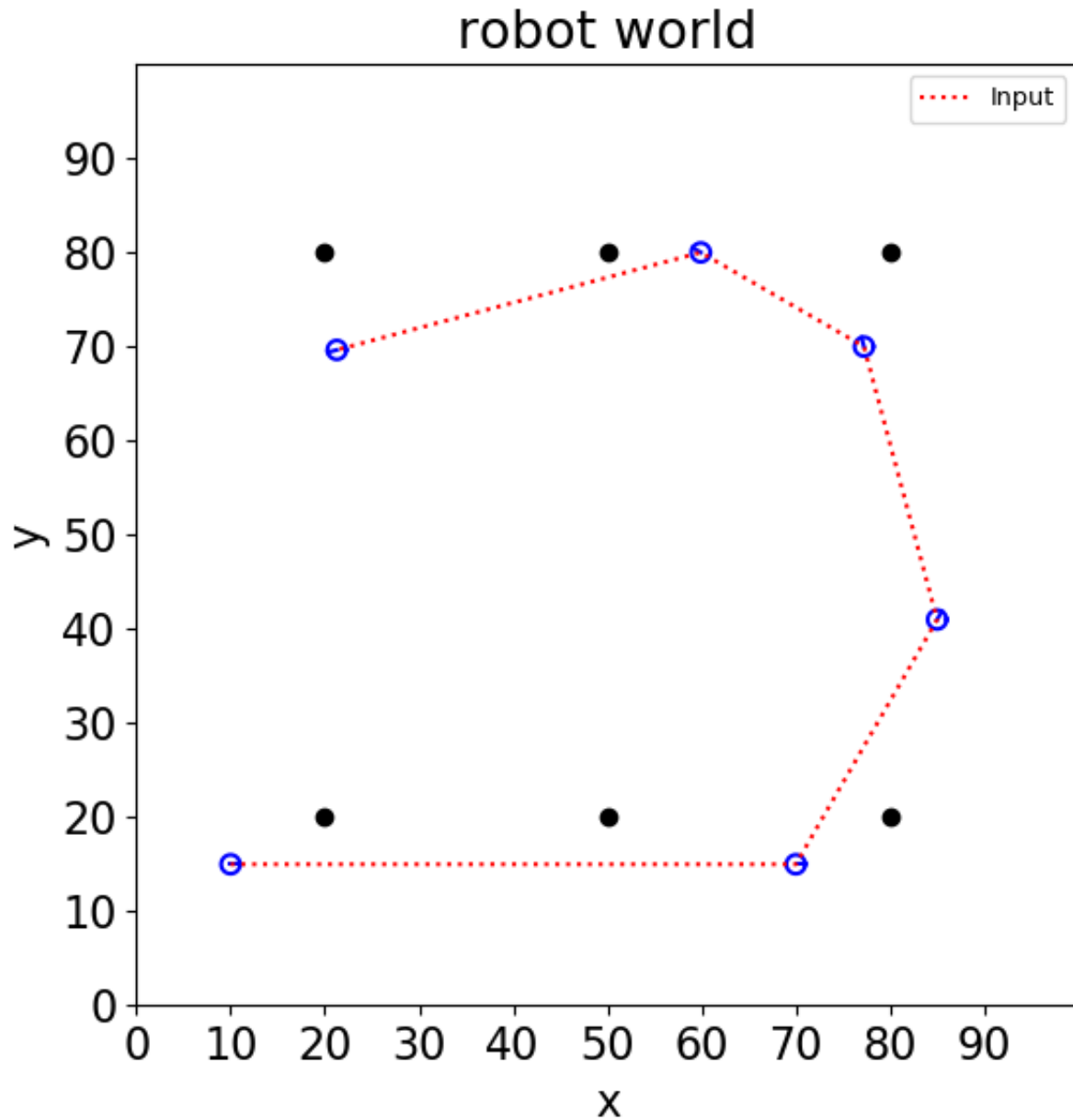


Figure 2: Figure e, true input for the robot

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f.) The figure for question f:

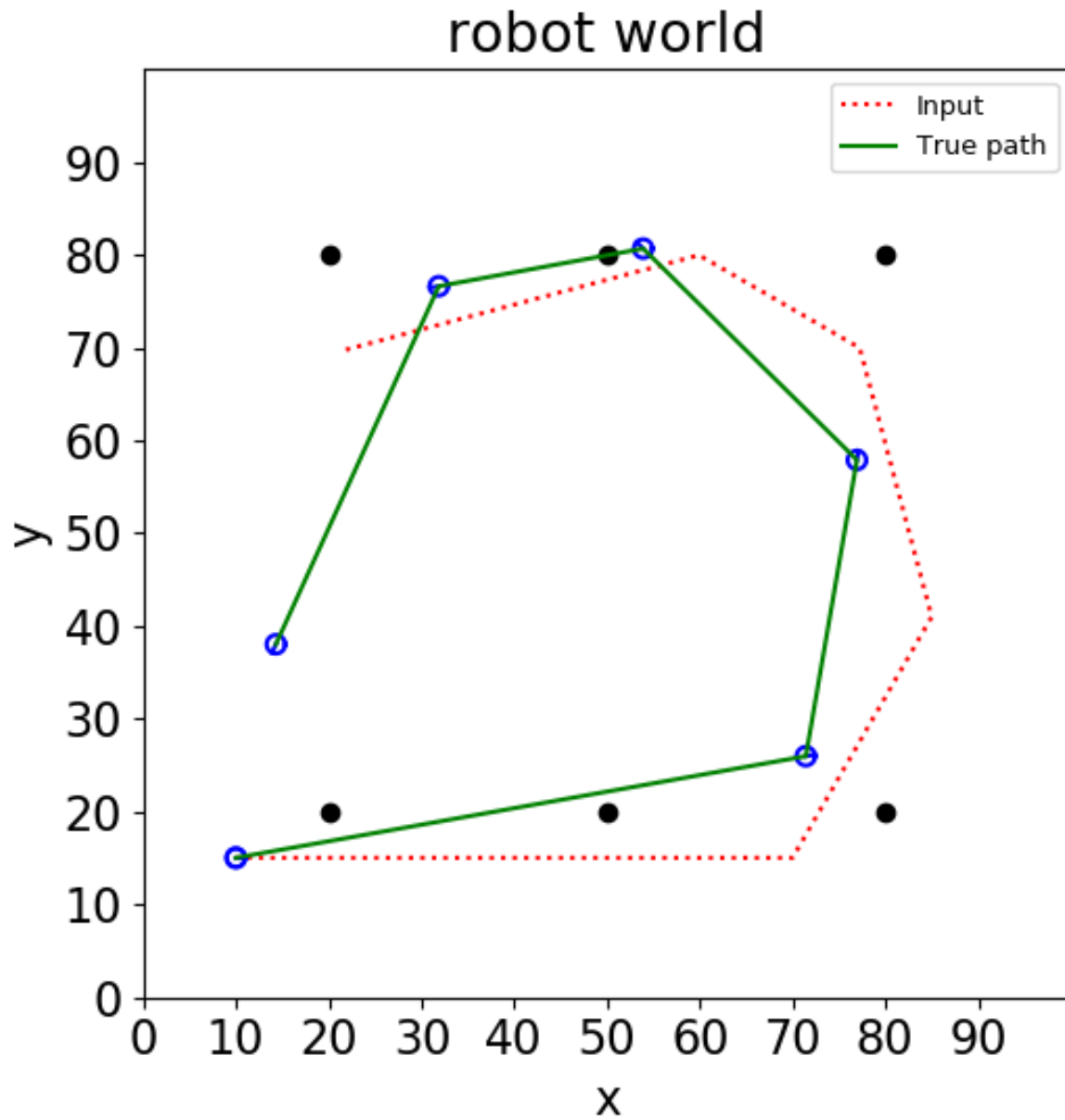


Figure 3: Figure f, true path for the robot against the true action

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g.) The figure for question g:

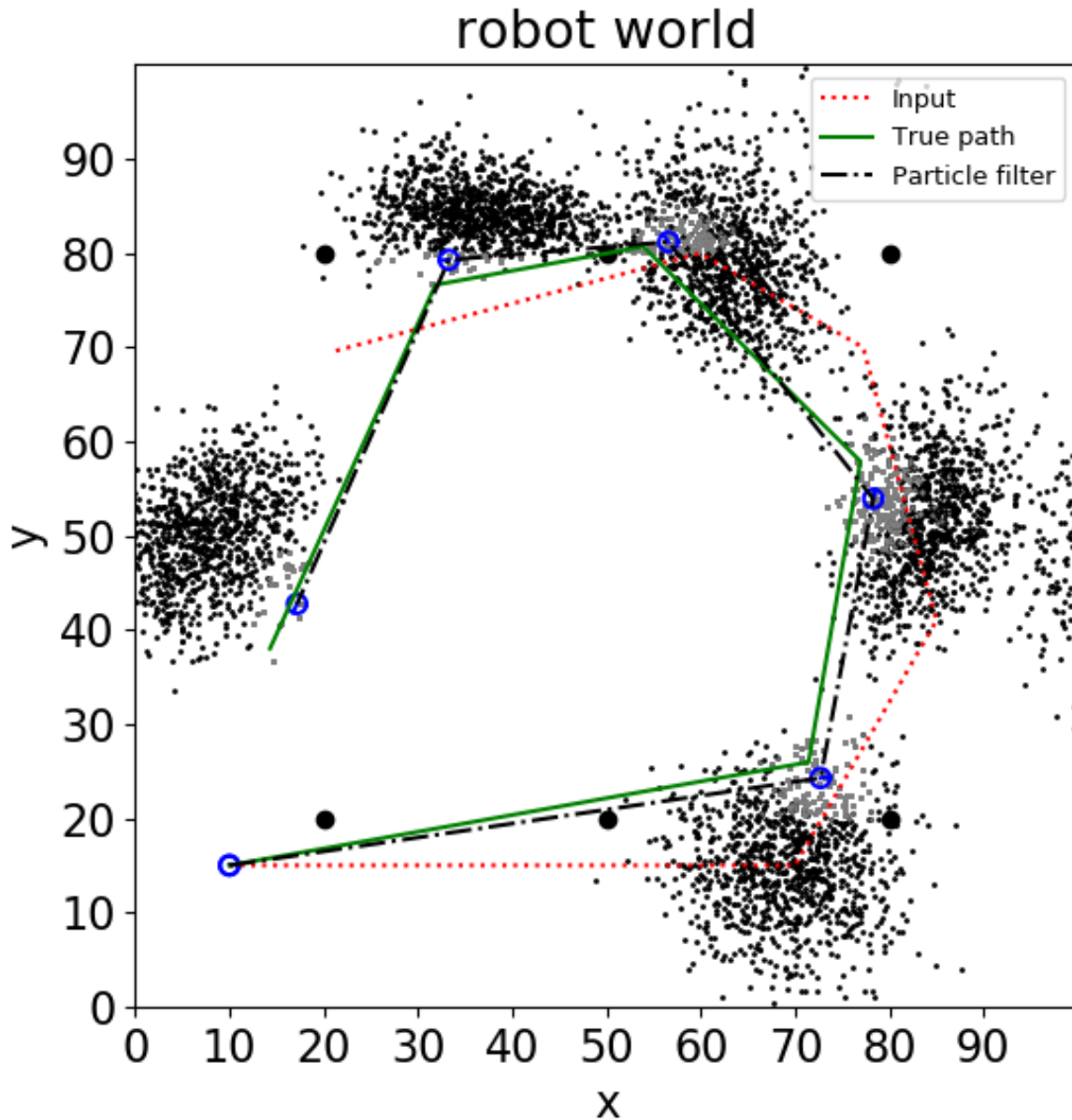


Figure 4: Figure g, particle filter path for the robot against the true action and path