Computer Vision
Fall 2021
Problem Set #5

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4a: PF Occlusions

ps5-4-a-1

4a: PF Occlusions (cont.)

ps5-4-a-2

4a: PF Occlusions (cont.)

ps5-4-a-3

4a: PF Occlusions (cont.)

ps5-4-a-4

4: Text response

Describe what you did. How did you modify the Particle Filter class to continue tracking after occlusions?

I think

my answer is ...

5: Tracking multiple targets

ps5-5-a-1

5: Tracking multiple targets (cont.)

ps5-5-a-2

5: Tracking multiple targets (cont.)

ps5-5-a-3

5: Text response

Describe what you did. How different it was to use a KF vs PF? Which one worked best and why? Include details about any modifications you had to apply to handle multiple targets.

I think

my answer is ...

6: Detect Pedestrians from a moving camera

ps5-6-a-1

6: Detect Pedestrians from a moving camera (cont.)

ps5-6-a-2

6: Detect Pedestrians from a moving camera (cont.)

ps5-6-a-3

6: Detect Pedestrians from a moving camera

Describe what you did. Did this task present any additional challenges compared to the previous sections? Include details about any modifications you had to apply.

I think

my answer is ...