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Quiz
Question 1

1/1 point (graded)
The Meanshift algorithm in computer vision is used for:

- ○ Image segmentation

- ○ Object detection

- ◉ Object tracking ✔

- ○ Feature extraction

Submit   You have used 1 of 2 attempts

✔ Correct (1/1 point)

Question 2

1/1 point (graded)
How does the Medianflow object tracking work in OpenCV?

- ○ The program automatically detects and tracks the object.

- ◉ Tracks objects by using optical flow to estimate key point movements and median displacement of the points ✔

- ○ The program uses machine learning algorithms to identify the object in each frame of the video sequence

○   The program uses a pre-trained neural network to track the object in the
    video sequence

>

(Submit)   You have used 1 of 2 attempts

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✔   Correct (1/1 point)

Question 3

1/1 point (graded)
Which of the following is a deep learning based object tracker?

⦿   GOTURN ✔

○   CRST

○   MEDIANFLOW

○   MOOSE

(Submit)   You have used 2 of 2 attempts

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✔   Correct (1/1 point)

Question 4

1/1 point (graded)
Which OpenCV function is commonly used to measure the FPS(Frame per second)?

○   cv2.VideoCapture()

○   cv2.imshow()

🔵 cv2.getTickCount() ✔

⭕ cv2.waitKey()

❯

(Submit) You have used 1 of 2 attempts

✔ Correct (1/1 point)

Question 5

1/1 point (graded)
What is the recommended FPS for real-time computer vision applications?

⭕ 10-15 FPS

⭕ 30 FPS

⭕ 60 FPS

🔵 There is no recommended FPS and it depends on the specific application ✔

(Submit) You have used 1 of 2 attempts

✔ Correct (1/1 point)

Discussion

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