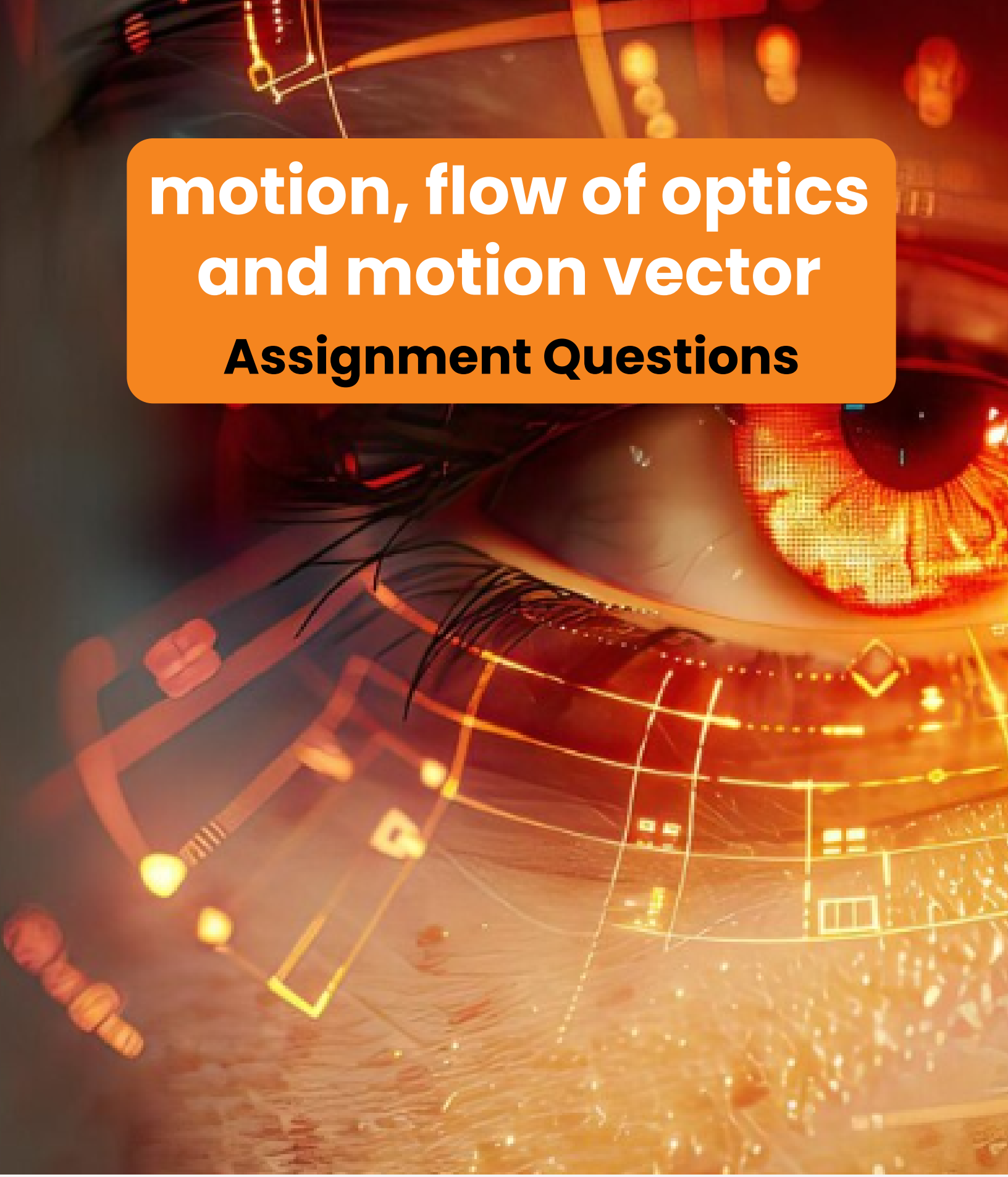

motion, flow of optics and motion vector

Assignment Questions

PW SKILLS

1. Define motion estimation in computer vision and discuss its importance in various applications

2. Discuss the challenges faced in motion estimation, particularly in the presence of occlusions and complex scene dynamics. Propose potential solutions to address these challenges.

3. Explain the concept of optical flow and its role in motion estimation. Discuss common optical flow algorithms and their applications.

4. Define optical flow and explain its significance in computer vision applications.

5. Describe the concept of motion vectors in video compression and discuss their role in reducing redundancy.