

# Supplementary Reading: Feature Detectors and Descriptors

- You can find implementation resources here:  
[https://opencv-python-tutroals.readthedocs.io/en/latest/py\\_tutorials/py\\_feature2d/py\\_table\\_of\\_contents\\_feature2d/py\\_table\\_of\\_contents\\_feature2d.html](https://opencv-python-tutroals.readthedocs.io/en/latest/py_tutorials/py_feature2d/py_table_of_contents_feature2d/py_table_of_contents_feature2d.html)
- Textbook: Forsyth, D.A. and J. Ponce (2003). *Computer Vision: a modern approach* (2nd edition). New Jersey: Pearson. Read section 9.4.
- Haris Corner Detection: [https://docs.opencv.org/4.0.0/dc/d0d/tutorial\\_py\\_features\\_harris.html](https://docs.opencv.org/4.0.0/dc/d0d/tutorial_py_features_harris.html)
- Introduction to SIFT (Scale-Invariant Feature Transform):  
[https://docs.opencv.org/4.0.0/da/df5/tutorial\\_py\\_sift\\_intro.html](https://docs.opencv.org/4.0.0/da/df5/tutorial_py_sift_intro.html)

# Supplementary Reading: Feature Matching

- Feature Matching: [https://docs.opencv.org/4.0.0/dc/dc3/tutorial\\_py\\_matcher.html](https://docs.opencv.org/4.0.0/dc/dc3/tutorial_py_matcher.html)

# Supplementary Reading: Feature Matching

- Feature Matching + Homography to find Objects:  
[https://docs.opencv.org/4.0.0/d1/de0/tutorial\\_py\\_feature\\_homography.html](https://docs.opencv.org/4.0.0/d1/de0/tutorial_py_feature_homography.html)

# Supplementary Reading: Outlier Rejection

- Forsyth, D.A. and J. Ponce (2003). *Computer Vision: a modern approach* (2nd edition). New Jersey: Pearson. Read section 19.1-19.3.

# Supplementary Reading: Visual Odometry

- SolvePnP in OpenCV:  
[https://docs.opencv.org/3.4.3/d9/d0c/group\\_calib3d.html#ga549c2075fac14829ff4a58bc931c033d](https://docs.opencv.org/3.4.3/d9/d0c/group_calib3d.html#ga549c2075fac14829ff4a58bc931c033d)
- SolvePnP Ransac in OpenCV:  
[https://docs.opencv.org/3.4.3/d9/d0c/group\\_calib3d.html#ga50620f0e26e02caa2e9adc07b5fbf24e](https://docs.opencv.org/3.4.3/d9/d0c/group_calib3d.html#ga50620f0e26e02caa2e9adc07b5fbf24e)

