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CS549-E24-E01
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Week 6 Lab

Part 3:

Objective: This task was similar to the previous two, except I used my Google Pixel 7 phone, which is a couple of years old, to take the screenshots. Despite the printed chessboard image being slightly opaque, the algorithm successfully calibrated the camera.

Camera Matrix:
 [[3.33938546e+03 0.00000000e+00 8.57934600e+02]
 [0.00000000e+00 3.53630686e+03 2.01317013e+02]
 [0.00000000e+00 0.00000000e+00 1.00000000e+00]]
Distortion Coefficients:
 [[-0.35824709 1.73648036 0.02125331 -0.00895231 -3.42208989]]
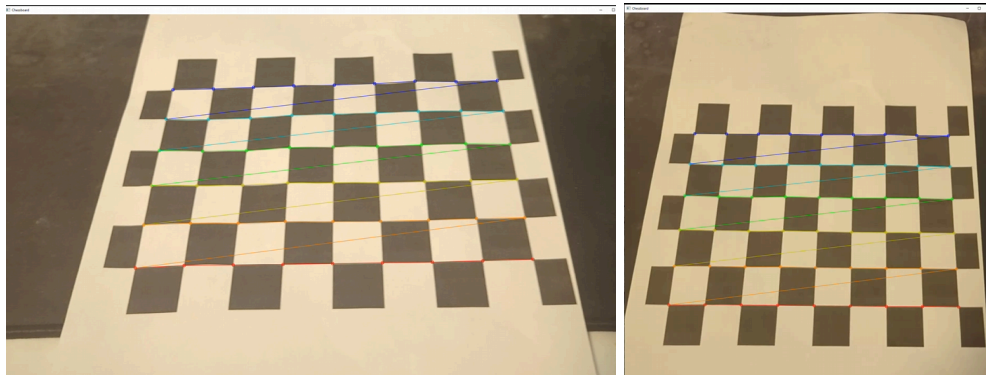Re-projection error: 0.907149312466232
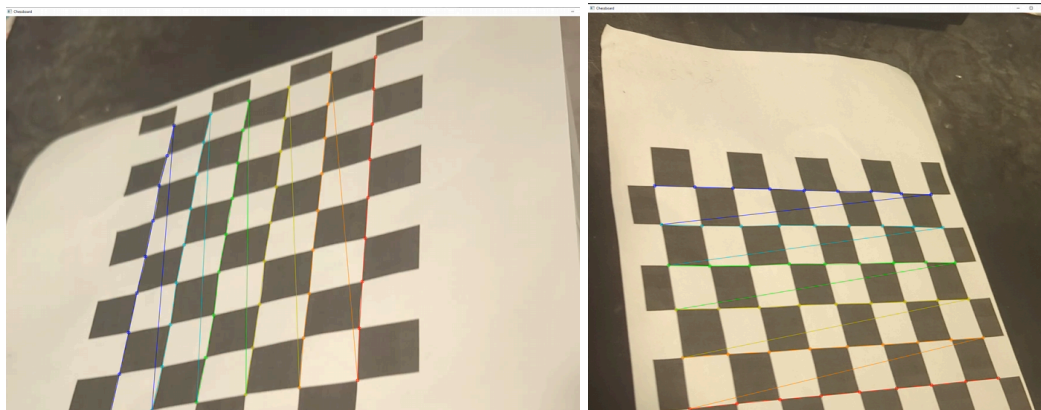

Figure 8. Size: 9x6 Camera calibration results

Figure 8. Size: 9x6 More camera calibration results