kablo17

- Authors
  - Karina Bay Bloch, kablo17
  - Nicoline L Thomsen, nthom18
- Introduction
  - A fine summary of the project is provided
- Exercise 1.1 Logfile
  - Fine visualization of the actual flight path
- Exercise 1.2 Save every 50 frame
  - Done
- Exercise 1.3 Why discard these observations?
  - To ensure that there is a significant motion between two frames. Fine reasoning.
- Exercise 1.4 Why discard the first 1200 frames?
  - It is unclear if they actually discarded the first 1200 frames.
  - To be fair this requirement was changed in the project description after it was handed at the start of the mini project.
- Exercise 2.1 Feature extractor
  - It would be nice with information about the number of detected points in the 0th and 50th frame.
- Exercise 2.2 Estimate essential matrix
  - The matches shown in figure 3 seems a bit chaotic... That might impact the estimated motion.
- Exercise 2.3 Distances to epipolar lines
  - Missing
- Exercise 2.4 Estimate the relative motion
  - Fine
- Exercise 3.1 Triangulation
  - Ok
- Exercise 3.2 Update the map object
  - Ok
- Exercise 3.3 Calculate the reprojection error
  - Ok, the reprojection error is a bit low before the bundle adjustment.
- Exercise 3.4 Perform bundle adjustment
  - Fine description of the optimization process.
  - The amount of detail in the provided output could be increased.

- Exercise 4.1 Match new frame with the map
  - Good choice to work with frames 800, 850 and 900.
- Exercise 4.2 Estimate the camera location
  - Ok
- Exercise 4.3 Add the observation to the map
  - Fine
- Other remarks