

Assignment 2

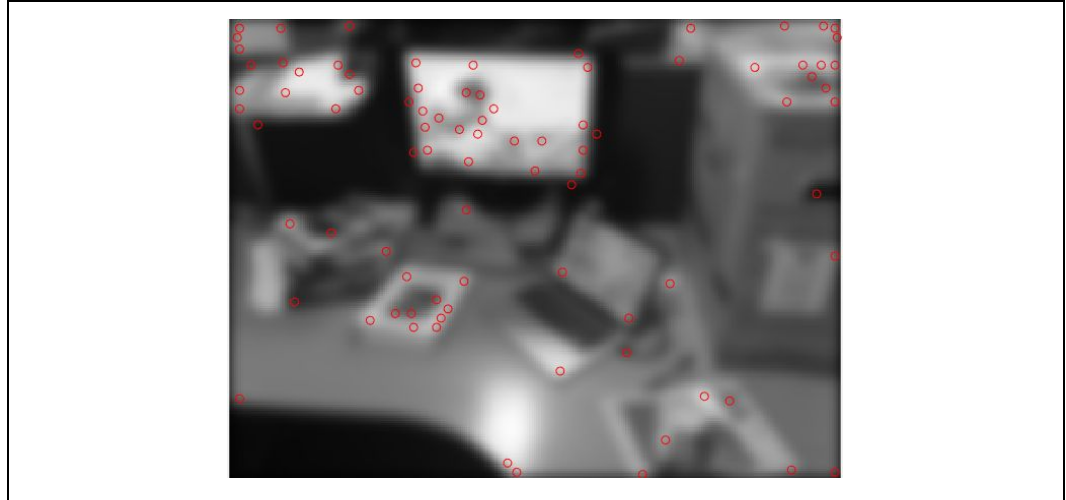
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NOTE: Since there are 65 pictures that needs to be viewed to evaluate the algorithm and also due to the poor resizing of the image in the doc., **the result images are stored in the output folder and can be referred to check the correctness.** Only few images are shown here as it maintains the readability of the document.

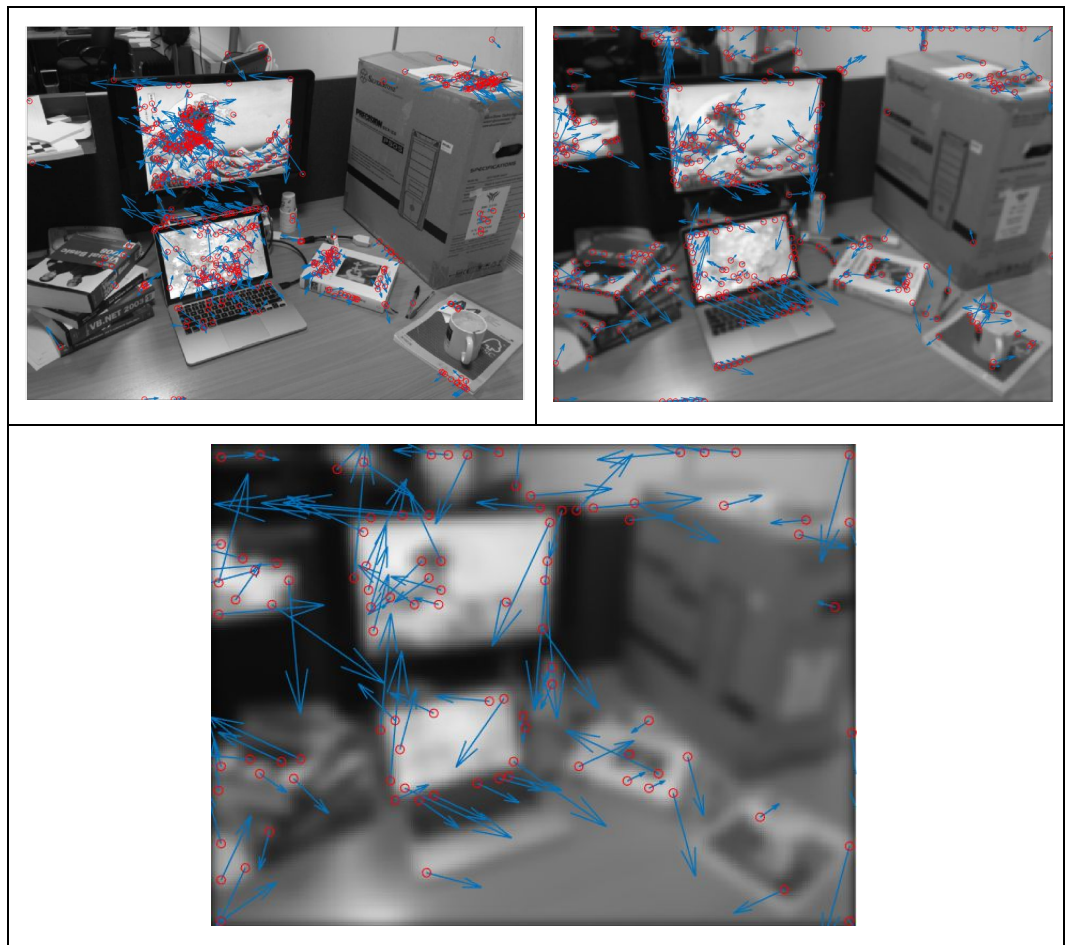
1. For image a_1 and a_2

1) Scale space decomposition and Keypoint detection



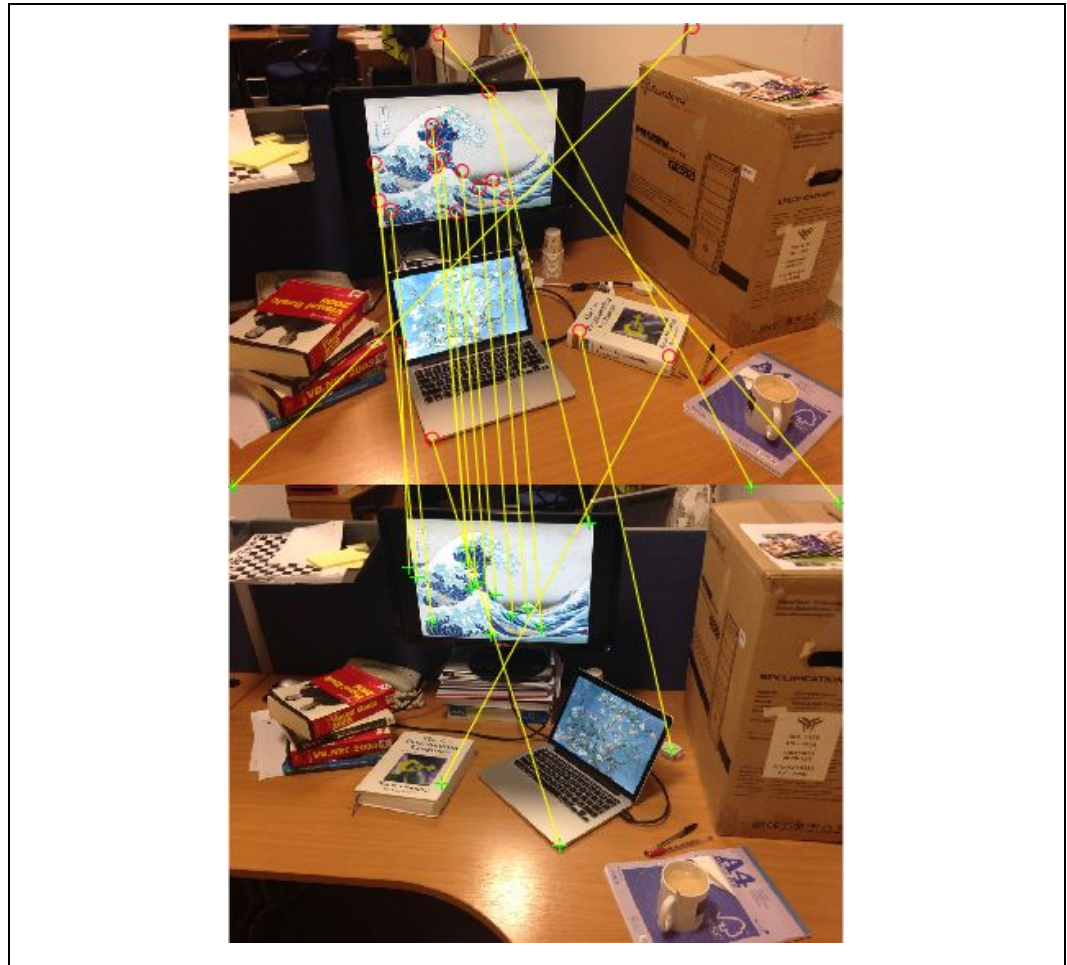


2) Keypoint detection and Orientation assignment



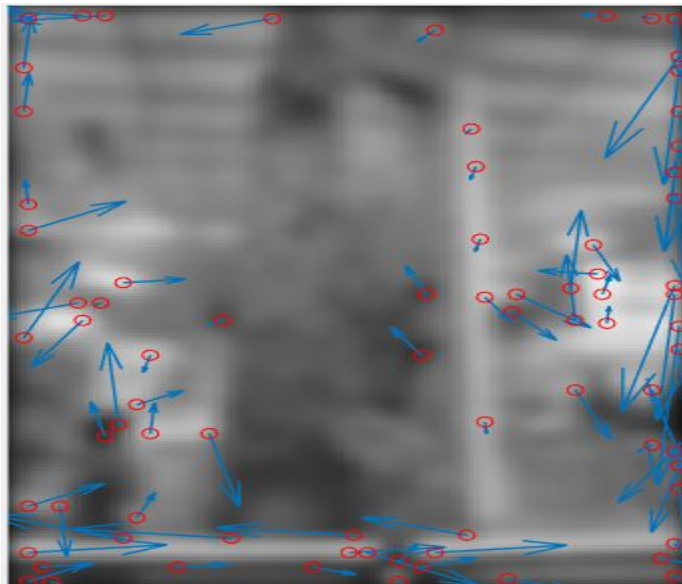
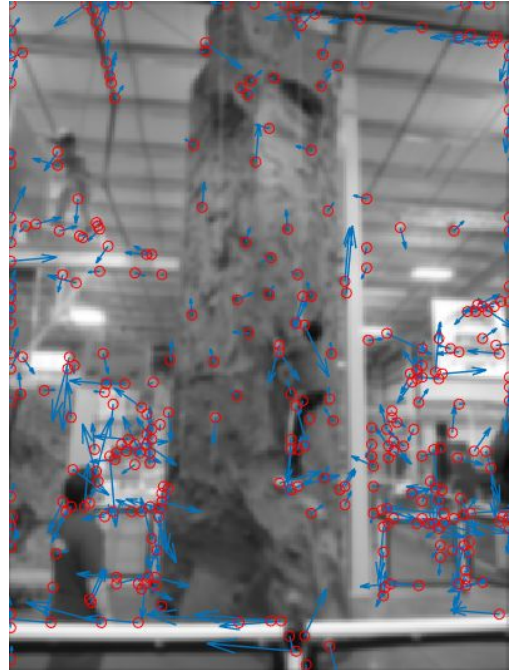
3) Keypoint descriptor: For image a_1 dimension of the descriptor was 128 by 956. For image a_1 dimension of the descriptor was 128 by 939

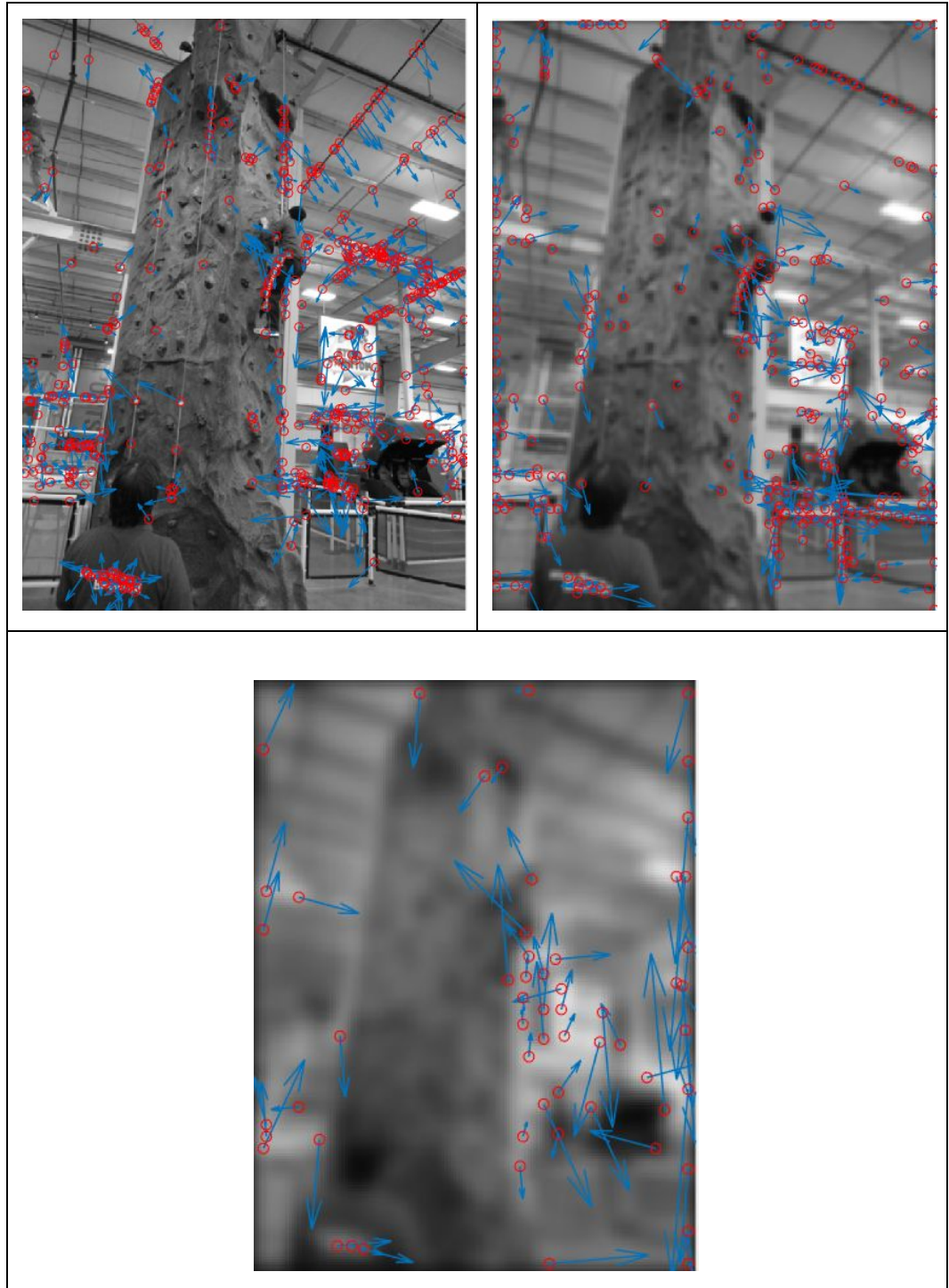
4) Image matching



2. For image b_1 and b_2

1) Keypoint, orientation and space scale decomposition





2) Image matching



3. For image c_1 and c_2
Image matching



4. For image d_1 and d_2
Image matching



5. For image e_1 and e_2
Image matching

