

Exercise on SIFT & KD-tree based feature matching

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In this exercise, you will work on SIFT and KD-tree based feature matching.

1 SIFT

1. Learn how to use the VLFeat ([src/3rdparty/vlfeat-0.9.21](http://www.vlfeat.org)), google VLFeat, learn how to setup.
2. Find on <http://www.vlfeat.org/overview/sift.html> about how to use VLFeat for SIFT feature detection and matching.
3. Find on <http://www.vlfeat.org/overview/kdtree.html> about how to use KD tree in VLFeat and create a matcher by using the KD tree.

It is a good idea to organize your code as separate functions which can be reused.

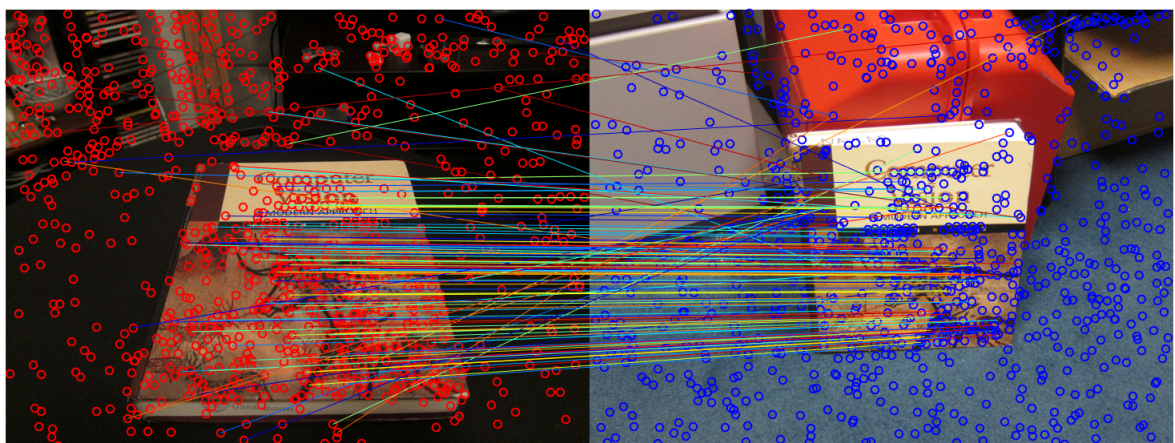


Figure 1: Example of SIFT matching result.