System requirements

The code has been tested using the MATLAB version 2011a. Earlier versions may be OK, but I have not fully justified.

Running the code

1. Run the demo.m file to get a feeling of the code.

2. 3rd party code

   We have made the code L1MAGIC self-contained which is from http://www-stat.stanford.edu/~candes/l1magic/ or http://users.ece.gatech.edu/~justin/l1magic/. If you want to try other solvers for L1 norm minimization, you may need to install SeDuMi from http://sedumi.ie.lehigh.edu/

The technical details are presented in the paper (SBAL1.pdf): Robust Maximum Likelihood Estimation by Sparse Bundle Adjustment using the L_1 Norm.

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