## List of Algorithms

1	Estimation in the linear Gauss–Markov model	91
2	Estimation in the Gauss–Markov model with constraints	108
3	Random sample consensus	156
4	Robust estimation in the Gauss–Helmert model with constraints	167
5	Reweighting constraints	169
6	Estimation in the model with constraints between the observations only	171
7	Algebraic solution for estimating 2D homography from point pairs	389
8	Direct LS estimation of 2D line from points with isotropic accuracy	401
9	Direct LS estimation of a 2D point from lines with positional uncertainty	403
10	Direct LS estimation of the mean of directions with isotropic uncertainty	404
11	Direct LS estimation of the mean of axes with isotropic uncertainty	405
12	Direct LS estimation of a rotation from direction pairs	408
13	Direct LS estimation of similarity	411
14	Direct LS estimation of 3D line from points	414
15	Estimation in the Gauss–Helmert model with reduced coordinates	416
16	Algebraic estimation of uncertain projection from six or more points	497
17	Optimal estimation of a projection matrix from observed image points	500
18	Decomposition of uncertain projection matrix	501
19	3D circle with given radius determined from its image	538
20	Base direction and rotation from essential matrix	585
21	Optimal triangulation from two images and spherical camera model	602
22	Sequential spatial resections	713
23	Sequential similarity transformations	714