files_needed

files_needed.txt files needed for pairwise rectification

pr10.m meas2refine im2ideal2.m refined2mea inv_ld2.m	pairwise rectify main program s. m) functions to support pr10.m	
cam.dat left.txt right.txt ro.txt p1.jpg p2.jpg	cam.dat: same camera info as cam.dat used by pba_sc.m but formatted a litt differently left.txt: left photo measurements (made with imeas.m) right.txt: right photo measurements (points in same order, left and right) ro.txt: results of relative orientation p1.jpg: the left photo p2.jpg: the right photo	

		cam.dat
x0 -29.330 y0 1.519 foc 4457.796 k1 0.028382796 k2 -0.018956408 k3 0.011558139 p1 0.16170141 p2 -0.58011127 option 2 ncol 3456 nrow 2304	0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0 0	for ease of matlab file reading, there are three columns. first column is data label, second column is numeric value, third column is not used just a number. it is like the file of the same name used by pba_sc.m but with slightly different formatting. you should copy the numbers from the output of pba_sc.m from the "free" run into this file, so you are working with your estimated calibration parameters.



1	31 2	1019 2	left
2345678910	498. 1 2496. 6 2948. 4 1816. 3 2299. 8 1664. 6 606. 6 302. 7 2267. 2	410. 1 245. 8 1079. 8 833. 9 1639. 8 1983. 1 1703. 2 1722. 3 913. 0	captured using the program imeas.m, or you can just write down the numbers from photoshop or other image measure program. units = pixels, that is important.

1	164.7	1051.6
2	731.7	452.0
3	2496.0	200. 9
4	3081.6	1052.2
5	1655.1	822.7
6	2343.6	1638.4
7	1539.4	1983.8
8	657.1	1708.1
9	404.6	1727.9
10	2261.1	894.2



left photo



right photo



anaglyph stereo image, output of pr10.m. view with red lens on the left and blue/cyan lens on the right.

