

file: langer.rTG.simplified  
leaf collision constraints active  
testArea

intensity map source	angle	size of matrix	# of shapes (1st run)	# of segments (2nd run)	solve time run 1 (sec)	solve time run 2 (sec)	beam on time	branch&bound nodes	Gap (%)
Default: r=.99; depth first seach									
head&neck level5	55	9x8	7	7	164.51	8697	140	78321	0
head&neck level5	165	9x7	inf		12hrs		0		
head&neck level5	245	9x8	7	6	52	206	140	718	0
head&neck level5	290	9x7	9	8	54	197	180	380	71.25
head&neck level5	350	9x8	9	8	103	1770	180	3280	57.14
r=0; breadth-first search									
head&neck level5	55	9x8	7	7	167	9308+	140	43191	break
head&neck level5	165	9x7	inf				0		
head&neck level5	245	9x8	7	6	53	207	140	718	0
head&neck level5	290	9x7	9	8	54	312	180	380	71.25
head&neck level5	350	9x8	9	8	106	3689	180	3280	57.14
r=.5; 1/2 BFS, 1/2 DFS									
head&neck level5	55	9x8	7	7	169	8903	140	78321	0
head&neck level5	165	9x7	inf				0		
head&neck level5	245	9x8	7	6	54	214	140	718	0
head&neck level5	290	9x7	9	8	55	202	180	380	71.25
head&neck level5	350	9x8	9	8	108	1910	180	3280	57.14
r=.01; suggested moderate BFS									
head&neck level5	55	9x8	7	7	166	8752	140	78321	0
head&neck level5	165	9x7	inf				0		
head&neck level5	245	9x8	7	6	54	199	140	718	0
head&neck level5	290	9x7	9	8	55	208	180	380	71.25
head&neck level5	350	9x8	9	8	102	1872	180	3280	57.14
testArea9									
Default: r=.99; depth first seach									
head&neck2 level5	0		7	7	1690	599	140	7499	0
head&neck2 level5	35		inf	-	12hrs	-	0	-	-
head&neck2 level5	110		8	7	1852	2736	160	4890	44.67
head&neck2 level5	160		10	8	4145	4085	200	3810	37.14
head&neck2 level5	250		10	9	1213	2582	200	3090	62.5
head&neck2 level5	320		9	8	2261	1173	180	280	57.14
r=0; breadth-first search									
head&neck2 level5	0						0		
head&neck2 level5	35		inf	-	-	-	0	-	-
head&neck2 level5	110						0		
head&neck2 level5	160						0		
head&neck2 level5	250						0		
head&neck2 level5	320						0		
r=.5; 1/2 BFS, 1/2 DFS									
head&neck2 level5	0						0		
head&neck2 level5	35						0		
head&neck2 level5	110						0		
head&neck2 level5	160						0		
head&neck2 level5	250						0		
head&neck2 level5	320						0		
r=.01; suggested moderate BFS									
head&neck level5	55	9x8					0		
head&neck level5	165	9x7	inf				0		
head&neck level5	245	9x8					0		
head&neck level5	290	9x7					0		
head&neck level5	350	9x8					0		