

file: langer.rTG.simplified
leaf collision constraints active

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 (%)
testArea:									
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
testArea3:									
head&neck level10	55	9x8	14	14	64	8092	140	800	81.92
head&neck level10	165	9x7	12	12	101	598	120	980	63.64
head&neck level10	245	9x8	inf				0		
head&neck level10	290	9x7	16	-	462	7200	160	-	-
head&neck level10	350	9x8	inf				0		
testArea10:									
head&neck level100	55	9x8	inf				inf		
head&neck level100	165	9x8	inf		12hrs		inf		
head&neck level100	245	9x8	119		12hrs+		119		
head&neck level100	290	9x7	101	inf	29673	12hrs	101		
head&neck level100	350	9x8	inf				inf		
testArea9:									
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
testArea2:									
pancreas level 5	0	10x11	inf		12hrs		0		
pancreas level 5	51	10x11	8	8	4060	1018	160	277	0
pancreas level 5	103	10x9	8	8	611	1201	160	610	57.14
pancreas level 5	154	10x11	9	9	328	6821	180	3310	43.75
pancreas level 5	206	10x11	inf		12hrs		0		
pancreas level 5	257	10x11	7	7	737	5294	140	10469	0
pancreas level 5	308	10x10	6	6	6219	412	120	514	0
testArea4:									
pancreas level 10	0	10x11	-				0		
pancreas level 10	51	10x11	-				-		
pancreas level 10	103	10x9	-				0		
pancreas level 10	154	10x11	inf				0		
pancreas level 10	206	10x11	-				0		
pancreas level 10	257	10x11	-				0		
pancreas level 10	308	10x10	19	-	9374	-	190	-	68.25
testArea5:									
prostate level 5	35	7x8	10	8	34	17	200	1780	0
prostate level 5	80	7x6	8	7	51	1952	160	77199	0
prostate level 5	135	8x8	7	7	61	50	140	200	50
prostate level 5	225	8x7	8	6	81	1117	160	16150	20
prostate level 5	280	7x6	6	5	81	81	120	1453	0
prostate level 5	325	7x7	11	7	326	2465	220	11288	0
testArea6:									
prostate level 10	35	7x8	17	-	808	6hrs	170	-	
prostate level 10	80	7x6	inf		6hrs		0		
prostate level 10	135	8x8	19	-	994	6hrs	190	-	
prostate level 10	225	8x7	inf		6hrs		0		
prostate level 10	280	7x6	inf		6hrs		0		
prostate level 10	325	7x7	17	13	875	1390	170	550	83.33
prostate level 10	325	7x7	17	12	875	9655	170	5360	72.73
testArea7:									
prostate level2 5	35	7x8	9	7	160	110	180	724	50
prostate level2 5	80	7x6	5	5	66	23	100	20	0
prostate level2 5	135	8x8	inf		12hrs		0		
prostate level2 5	225	8x7	7	7	25	78	140	576	0
prostate level2 5	280	7x6	6	5	65	26	120	260	0
prostate level2 5	325	7x7	10	8	38	1578	200	7906	26.94
testArea8:									
prostate level2 10	35	7x8	17	16	378	1241	170	560	86.1
prostate level2 10	35	7x8	17	11	378	4905	170	2150	72.48
prostate level2 10	80	7x6	14	10	575	3312	140	3640	62.22
prostate level2 10	135	8x8	inf		6hrs		0		
prostate level2 10	225	8x7	13	11	770	1005	130	2550	50
prostate level2 10	280	7x6	12	9	243	210	120	280	75
prostate level2 10	325	7x7	13	11	584	1518	130	1370	65

gap == 0 => all reported information is related to the total solve time

gap > 0 => a gap of 0 was not reached within 2 hours;

for each angle: first angle results: all reported information is related to the instant the minimum number of segments was found

second angle results: information available when the run was killed

shapes: this column does include leaf collision constraints