

8/20/03

file: langer.rTG.simplified, langer.rTG.composite  
leaf collision constraints active

intensity map source	angle	# of shapes	# of segments	solve time run 1 (sec)	solve time run 2 (sec)	beam on time	branch&bound nodes	Gap (%)
testArea9: 10 max mon units (composite)								
head&neck2 level5	0	10	7	-	1092	200	1410	40
head&neck2 level5	35	inf		-	89	0		
head&neck2 level5	110	10	9	-	5671	200	2700	57
head&neck2 level5	160	10	8	-	1578	200	3319	31
head&neck2 level5	250	10	9	-	1651	200	1090	59
head&neck2 level5	320	10	10	-	9616	200	12203	45
testArea9: original		(first run)	(2nd run)					
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
testArea7: 8 or 10 max mon units (composite)								
prostate level2 5	35	10	7	-	2459	200	5600	26
prostate level2 5	80	5	5	-	372	100	2020	32
prostate level2 5	135	no soln		-	3hrs	0		
prostate level2 5	225	no soln		-	3hrs	0		
prostate level2 5	280	6	5	-	6063	120	8960	21
prostate level2 5	325	10	8	-	1026	200	2878	35
testArea7: original								
prostate level2 5	35	9	7	160	110	180	724	50
prostate level2 5	80	5	5	66	23	100	20	0
prostate level2 5	135	inf		12hrs		0		
prostate level2 5	225	7	7	25	78	140	576	0
prostate level2 5	280	6	5	65	26	120	260	0
prostate level2 5	325	10	8	38	1578	200	7906	26.94
testArea8: 18 max mon units (composite)								
prostate level2 10	35	no soln		-	3hrs	0		
prostate level2 10	35	no soln		-	3hrs	0		
prostate level2 10	80	no soln		-	3hrs	0		
prostate level2 10	135	no soln		-	3hrs	0		
prostate level2 10	225	14	12	-	7936	140	460	74
prostate level2 10	280	12	10	-	5676	120	540	70
prostate level2 10	325	no soln		-	3hrs	0		
testArea8: original								
prostate level2 10	35	17	16	378	1241	170	560	86.1
prostate level2 10	35	17	11	378	4905	170	2150	72.48
prostate level2 10	80	14	10	575	3312	140	3640	62.22
prostate level2 10	135	inf		6hrs		0		
prostate level2 10	225	13	11	770	1005	130	2550	50
prostate level2 10	280	12	9	243	210	120	280	75
prostate level2 10	325	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

