

RESULTS OF MCE- k FOR INSTANCES TA08-TA22

Instance				Optimal Solution		Performance metrics				
Name	n	m	k	Selected Ellipses	Income	CLS size $ S_k $	Backtracking Tree		CPU Time (s)	
							# nodes	# sol. leaves	CLS-MCE	Total
TA08	200	3	1	2	82.1	836	2577	1760	1.19	1.19
TA09			2	1,2	157.2	811	9993	4238	1.19	1.21
TA10			3	1,2,3	192.6	949	38,939	7294	1.19	1.31
TA11	250	3	1	2	103.4	1349	3845	2610	2.11	2.11
TA012			2	2,3	196.5	1229	3995	2762	1.95	1.96
TA13			3	1,2,3	249.0	1381	23,598	12,416	1.96	2.09
TA14	300	3	1	1	112.1	2128	8493	4231	2.95	2.96
TA015			2	1,3	207.7	2152	10,602	4190	3.00	3.01
TA16			3	1,2,3	299.4	2103	12,726	4181	2.97	2.99
TA17	350	3	1	2	224.4	2561	6487	4550	9.54	9.55
TA18			2	1,2	379.7	1931	14,030	7603	10.47	10.54
TA19			3	1,2,3	460.1	2619	197,645	17,431	10.24	12.01
TA20	400	3	1	2	193.0	2716	9035	5993	15.82	15.84
TA21			2	2,3	339.6	3036	8939	5899	15.64	15.79
TA22			3	1,2,3	400.3	2957	633,779	14,754	15.58	49.86