Results of MCER-k for instances TA08-TA22

Instance				Optimal Solution		Performance metrics					
Name	n	m	k	Selected	Income	CLS size	# E3P	Backtracking Tree		CPU Time (s)	
				Ellipses		$ S_k $	subproblems	# nodes	#sol leaves	CLS-MCER	Total
TA08			1	1	85.9	8589		37,146	18,514	129.71	129.73
TA09	200	3	2	1,2	169.7	1448	681,627	53,908	25,243	129.22	129.27
TA10			3	1,2,3	202.6	8477		772,760	60,542	128.75	138.25
TA11			1	2	126.2	11,226		59,486	34,196	228.61	228.68
TA12	250	3	2	2,3	215.0	25,284	995,713	34,200	8912	232.41	233.87
TA13			3	1,2,3	262.8	8912		32,908,602	53,459	226.03	610.32
TA14			1	1	112.1	6693		42,702	29,310	383.00	383.05
TA15	300	3	2	1,3	214.2	22,954	1,755,415	81,519	45,175	410.92	411.05
TA16			3	1,2,3	311.2	22,617		257,865	22,558	401.90	402.44
TA17			1	2	225.9	63,315		54,419	43,151	775.78	775.85
TA18	350	3	2	1,2	398.1	11,262	2,961,709	191,753	83,386	771.38	772.47
TA19			3	1,2,3	483.3	31,889		2,421,540	274,754	800.72	874.46
TA20			1	2	199.6	17,691		178,589	141,413	922.98	923.47
TA21	400	3	2	2,3	364.7	37,170	2,432,988	$245,\!472$	208,298	903.69	912.19
TA22			3	-	-	112,932		-	-	-	-