

instance name	objective function value	optimal solution/ upper bound
SCA3-0	677.35	opt
SCA3-1	758.9	opt
SCA3-2	735.18	opt
SCA3-3	735.79	opt
SCA3-4	741.75	opt
SCA3-5	702.45	opt
SCA3-6	707.72	opt
SCA3-7	708.24	opt
SCA3-8	771.94	opt
SCA3-9	726.77	opt
SCA8-0	1026.79	ub
SCA8-1	1127.41	ub
SCA8-2	1126.12	ub
SCA8-3	1062.99	ub
SCA8-4	1114.12	ub
SCA8-5	1085.96	ub
SCA8-6	1038.59	ub
SCA8-7	1114.17	ub
SCA8-8	1165.08	ub
SCA8-9	1145.71	ub

instance name	objective function value	optimal solution/ upper bound
CON3-0	667.46	opt
CON3-1	590.82	opt
CON3-2	558.89	opt
CON3-3	634.93	opt
CON3-4	627.95	opt
CON3-5	603.56	opt
CON3-6	539.58	opt
CON3-7	627.05	opt
CON3-8	561.65	opt
CON3-9	619.95	opt
CON8-0	918.21	ub
CON8-1	772.44	ub
CON8-2	738.99	ub
CON8-3	857.35	ub
CON8-4	816.81	ub
CON8-5	798.07	ub
CON8-6	718.36	ub
CON8-7	863.39	ub
CON8-8	808.17	ub
CON8-9	843.84	ub