

Sheet1

Problem Set	TLBO	TLBO w/ Sim Annealing
I01-I13	4	4.28
MMKP01	0.198	0.137
MMKP02	0.382	0.728
MMKP03	1.32	1.31
MMKP04	0.71	0.621
MMKP05	0.633	0.97
MMKP06	3.38	3.32
MMKP07	3	3.06
MMKP08	3.25	3.39
MMKP09	5.27	6.52
MMKP10	3.05	4.61
MMKP11	7.19	5.7
MMKP12	5.14	4.89
MMKP13	6.35	7.5
MMKP14	6.49	7.65
MMKP15	4.34	4.59
MMKP16	3.41	7.39
MMKP17	3.23	4.75
MMKP18	2.56	5.6
MMKP19	2.23	7.06
MMKP20	1.15	3.14
Average Dev:	3.203952381	4.1531428571

TLBO MMKP

standard vs. sim. annealing

