

Results for Homberger_600 instances (CVRP)

Keld Helsgaun, May 9, 2018

Instance	BKS	LKH-3	LKH-3 d	Gap (%)
C1_6_1.600.60	14095.64	14095.475	14095.64	0.00
C1_6_2.600.56	14163.31	14163.125	14163.31	0.00
C1_6_3.600.56	13777.81	13777.632	13777.81	0.00
C1_6_4.600.56	13558.54	13607.874	13607.91	0.36
C1_6_5.600.60	14085.72	14085.551	14085.72	0.00
C1_6_6.600.59	15847.61	<i>infeasible</i>		
C1_6_7.600.57	15752.95	<i>infeasible</i>		
C1_6_8.600.56	14389.82	14815.265	14815.45	2.96
C1_6_9.600.56	13693.42	13719.692	13719.87	0.19
C1_6_10.600.56	13637.34	13664.577	13664.76	0.20
C2_6_1.600.18	7774.10	7773.953	7774.16	0.00
C2_6_2.600.17	8264.91	8274.274	8274.47	0.11
C2_6_3.600.17	7520.66	7545.626	7545.82	0.33
C2_6_4.600.17	6909.58	6933.902	6934.09	0.35
C2_6_5.600.18	7575.20	7574.997	7575.20	0.00
C2_6_6.600.18	7470.36	7470.966	7471.17	0.01
C2_6_7.600.18	7512.07	7511.866	7512.07	0.00
C2_6_8.600.17	7539.73	7644.420	7644.62	1.39
C2_6_9.600.17	7921.18	8127.242	8127.44	2.60
C2_6_10.600.17	7255.69	7291.158	7291.35	0.49
R1_6_1.600.59	21131.09	22453.980	22454.27	6.26
R1_6_2.600.54	18750.30	19621.987	19622.27	4.65
R1_6_3.600.54	16956.43	17679.516	17679.78	4.26
R1_6_4.600.54	15772.64	16270.338	16270.60	3.16
R1_6_5.600.54	19588.89	20575.133	20575.42	5.03
R1_6_6.600.54	17871.29	19042.125	19042.39	6.55
R1_6_7.600.54	16555.92	17089.866	17090.13	3.23
R1_6_8.600.54	15636.75	16062.309	16062.58	2.72
R1_6_9.600.54	18669.75	20228.630	20228.91	8.35
R1_6_10.600.54	17748.83	18334.100	18334.38	3.30
R2_6_1.600.11	18206.80	18574.026	18559.10	2.02
R2_6_2.600.11	14779.26	14839.626	14839.88	0.41
R2_6_3.600.11	11191.01	11218.876	11218.88	0.25
R2_6_4.600.11	8018.59	8078.693	8078.91	0.75
R2_6_5.600.11	15096.20	15211.538	15211.80	0.76
R2_6_6.600.11	12503.26	12709.213	12709.47	1.65
R2_6_7.600.11	10066.34	10218.430	10218.67	1.51
R2_6_8.600.11	7572.76	7675.262	7675.49	1.35
R2_6_9.600.11	13377.56	13489.631	13489.90	0.84
R2_6_10.600.11	12253.47	12397.280	12391.34	1.17
RC1_6_1.600.55	17014.17	17870.442	17870.67	5.03

RC1_6_2.600.55	15920.75	16302.060	<i>16302.29</i>	<i>2.40</i>
RC1_6_3.600.55	15204.64	15587.394	<i>15586.41</i>	<i>2.52</i>
RC1_6_4.600.55	14777.67	14955.752	<i>14955.97</i>	<i>0.63</i>
RC1_6_5.600.55	16566.24	17208.058	<i>17208.29</i>	<i>2.95</i>
RC1_6_6.600.55	16504.25	17220.222	<i>17220.46</i>	<i>3.23</i>
RC1_6_7.600.55	16077.12	16689.813	<i>16690.06</i>	<i>2.96</i>
RC1_6_8.600.55	15914.91	16452.341	<i>16452.57</i>	<i>1.50</i>
RC1_6_9.600.55	15826.24	16212.239	<i>16212.47</i>	<i>1.94</i>
RC1_6_10.600.55	15675.99	16026.754	<i>16026.99</i>	<i>1.13</i>
RC2_6_1.600.14	13324.93	13324.705	13324.93	0.00
RC2_6_2.600.12	11555.51	11557.595	<i>11557.81</i>	<i>0.30</i>
RC2_6_3.600.11	9444.99	9472.255	9472.27	0.00
RC2_6_4.600.11	7067.77	7164.519	<i>7164.72</i>	<i>0.06</i>
RC2_6_5.600.11	13000.84	13160.555	13160.78	0.00
RC2_6_6.600.11	11933.88	12040.788	12041.01	0.00
RC2_6_7.600.11	10724.85	10804.209	<i>10804.43</i>	<i>0.28</i>
RC2_6_8.600.11	10007.82	10242.715	<i>10242.92</i>	<i>0.84</i>
RC2_6_9.600.11	9580.87	9683.071	9683.27	0.00
RC2_6_10.600.11	9069.41	9193.990	<i>9194.19</i>	<i>0.17</i>