

Results for Li_200 instances (PDPTW)

Keld Helsgaun, May 9, 2018

Instance	BKS	LKH-3	LKH-3 d	Gap (%)
LC1_2_1	2704.57	2704.559	2704.57	0.00
LC1_2_2	2764.56	2764.545	2764.56	0.00
LC1_2_3	3127.78	3127.778	3127.78	0.00
LC1_2_4	2693.41	2693.401	2693.41	0.00
LC1_2_5	2702.05	2702.041	2702.05	0.00
LC1_2_6	2701.04	2701.028	2701.04	0.00
LC1_2_7	2701.04	2701.028	2701.04	0.00
LC1_2_8	3373.22	3373.215	3373.22	0.00
LC1_2_9	2724.24	2724.228	2724.24	0.00
LC1_2_10	2942.13	2942.125	2942.13	0.00
LC2_2_1	1931.44	1931.436	1931.44	0.00
LC2_2_2	1881.40	1881.398	1881.40	0.00
LC2_2_3	1844.33	1844.324	1844.33	0.00
LC2_2_4	1767.12	1767.118	1767.12	0.00
LC2_2_5	1891.21	1891.206	1891.21	0.00
LC2_2_6	1857.78	1857.772	1857.78	0.00
LC2_2_7	1850.13	1850.133	1850.13	0.00
LC2_2_8	1824.34	1824.332	1824.34	0.00
LC2_2_9	1854.21	1854.207	1854.21	0.00
LC2_2_10	1817.45	1817.453	1817.45	0.00
LR1_2_1	4819.12	4819.129	4819.12	0.00
LR1_2_2	4621.21	4621.209	4621.21	0.00
LR1_2_3	4402.38	4465.210	4465.21	1.43
LR1_2_4 *	3030.03	3030.028	3030.03	0.00
LR1_2_5	4760.18	4760.183	4760.18	0.00
LR1_2_6	4800.94	4841.208	4848.21	0.84
LR1_2_7	3543.69	3550.610	3550.61	0.20
LR1_2_8	2766.42	2799.800	2766.42	1.21
LR1_2_9	5050.75			
LR1_2_10 *	3664.08	3664.077	3664.08	0.00
LR2_2_1	4073.10	4073.094	4073.10	0.00
LR2_2_2	3796.00	3795.987	3796.00	0.00
LR2_2_3	3098.36	3098.352	3098.36	0.00
LR2_2_4 *	2486.00	2485.998	2486.00	0.00
LR2_2_5	3438.39	3438.391	3438.39	0.00
LR2_2_6 *	4518.93	4518.919	4518.93	0.00
LR2_2_7 *	3098.35	3098.349	3098.35	0.00
LR2_2_8 *	2455.87	2449.360	2449.36	-0.27
LR2_2_9	3924.82	3927.128	3927.13	0.06
LR2_2_10	3274.96	3274.960	3295.43	0.00
LRC1_2_1	3606.06	36060.642	3606.06	0.00

LRC1_2_2	3671.02	3715.783	<i>3671.02</i>	<i>1.22</i>
LRC1_2_3	3154.92	3196.037	<i>3161.75</i>	<i>1.30</i>
LRC1_2_4	2631.82	2631.813	<i>2631.81</i>	0.00
LRC1_2_5	3715.81	3715.806	3715.81	0.00
LRC1_2_6	3572.16			
LRC1_2_7	3666.34			0.00
LRC1_2_8 *	3161.06	3161.065	3161.06	0.00
LRC1_2_9	3157.34	3174.359	<i>3174.36</i>	<i>0.54</i>
LRC1_2_10	2928.90	2928.905	2936.87	0.00
LRC2_2_1	3595.18	3673.053	<i>3673.06</i>	<i>2.17</i>
LRC2_2_2	3158.25	3158.253	3158.25	0.00
LRC2_2_3	2881.99	2881.990	2881.99	0.00
LRC2_2_4 *	2849.43	2849.423	2849.43	0.00
LRC2_2_5	2776.93	2776.924	2776.93	0.00
LRC2_2_6	2707.96	2707.956	2707.96	0.00
LRC2_2_7	3018.05	3018.047	3018.05	0.00
LRC2_2_8	2399.89	2399.889	2399.89	0.00
LRC2_2_9	2208.49	2208.488	2208.49	0.00
LRC2_2_10 *	2437.88	2437.876	2437.88	0.00

* New best-known solution found by LKH-3