Praktyka i teoria szeregowania zadań 2018/2019
Projekt 1 - wyniki pomiarów

Konrad Szymański 127240 I4

4 listopada 2018

1 n = 10, h = 0.2

k	Upper bound(R)	Funkcja celu(K)	Błąd względny((K-R)/R*100%)	Czas
1	1.936	1936	0.0%	0.0001s
2	1.042	1077	3.36%	0.00012s
3	1.586	1646	3.78%	0.00011s
4	2.139	2183	2.06%	0.00013s
5	1.187	1211	2.02%	0.00014s
6	1.521	1548	1.78%	0.00011s
7	2.170	2349	8.25%	0.00012s
8	1.720	1734	0.81%	0.00011s
9	1.574	1594	1.27%	0.0001s
10	1.869	1885	0.86%	0.00012s

2 n = 100, h = 0.4

k	Upper bound(R)	Funkcja celu(K)	Błąd względny((K-R)/R*100%)	Czas
1	89.588	87144	-2.73%	0.01669s
2	74.854	73977	-1.17%	0.01604s
3	85.363	79712	-6.62%	0.01656s
4	87.730	80585	-8.14%	0.01812s
5	76.424	71630	-6.27%	0.01554s
6	86.724	78708	-9.24%	0.01435s
7	79.854	80036	0.23%	0.01399s
8	95.361	94752	-0.64%	0.01612s
9	73.605	71071	-3.44%	0.01464s
10	72.399	73066	0.92%	0.01452s

3 n = 500, h = 0.6

k	Upper bound(R)	Funkcja celu(K)	Błąd względny((K-R)/R*100%)	Czas
1	1.581.233	1.644.084	3.97%	0.55686s
2	1.715.332	1.764.970	2.89%	0.57952s
3	1.644.947	1.706.825	3.76%	0.57328s
4	1.640.942	1.699.461	3.57%	0.59728s
5	1.468.325	1.488.165	1.35%	0.54479s
6	1.413.345	1.467.991	3.87%	0.57979s
7	1.634.912	1.676.834	2.56%	0.56406s
8	1.542.090	1.578.410	2.36%	0.58865s
9	1.684.055	1.721.468	2.22%	0.57299s
10	1.520.515	1.554.160	2.21%	0.59827s

4 n = 1000, h = 0.8

k	Upper bound(R)	Funkcja celu(K)	Błąd względny((K-R)/R*100%)	Czas
1	6.411.581	8.057.467	25.67%	2.99977s
2	6.112.598	7.936.730	29.84%	2.82845s
3	5.985.538	8.053.593	34.55%	3.10222s
4	6.096.729	8.124.088	33.25%	2.85385s
5	6.348.242	8.548.800	34.66%	3.00863s
6	6.082.142	8.323.781	36.86%	2.90463s
7	6.575.879	8.512.139	29.44%	2.95387s
8	6.069.658	8.113.120	33.67%	2.8604s
9	6.188.416	8.167.610	31.98%	2.91793s
10	6.147.295	8.100.751	31.78%	3.0959s