

Final Runtime Experiments (in seconds)

(1) Sequential Wagner (unweighted acyclic) (1)

	1000a	1000b	1000c	1000d	1000e	2500a	2500b	2500c	2500d	2500e
Run 1	2,42	2,43	2,395	2,575	2,462	40,964	37,86	37,458	40,072	39,07
Run 2	2,42	2,43	2,395	2,575	2,463	40,03	37,855	37,456	40,073	39,068
Run 3	2,413	2,429	2,395	2,576	2,462	40,032	37,856	37,459	40,072	39,071
Run 4	2,413	2,429	2,395	2,575	2,462	40,028	37,859	37,453	40,069	39,07
Run 5	2,413	2,429	2,396	2,575	2,462	40,027	37,855	37,456	40,068	39,075
Average	2,4158	2,4294	2,3952	2,5752	2,4622	40,2162	37,857	37,4564	40,0708	39,0708
MiAvMaDiPr	2,395	2,45556	2,576	0,181	7,371027383	37,453	38,93424	40,964	3,511	9,017769449

(2) Sequential CUTTER-U (2)

	1000a	1000b	1000c	1000d	1000e	2500a	2500b	2500c	2500d	2500e
Run 1	1,196	1,192	1,192	1,211	1,194	18,591	18,472	18,459	18,629	18,577
Run 2	1,194	1,191	1,192	1,211	1,195	18,593	18,47	18,457	18,626	18,575
Run 3	1,187	1,191	1,192	1,206	1,195	18,581	18,469	18,463	18,634	18,572
Run 4	1,187	1,191	1,192	1,206	1,195	18,585	18,472	18,46	18,631	18,58
Run 5	1,187	1,191	1,192	1,207	1,196	18,589	18,468	18,463	18,636	18,574
Average	1,1902	1,1912	1,192	1,2082	1,195	18,5878	18,4702	18,4604	18,6312	18,5756
MiAvMaDiPr	1,187	1,19532	1,211	0,024	2,007830539	18,457	18,54504	18,636	0,179	0,965217654
SpeedUp (1)	2,0297429	2,039456011	2,009395973	2,131435193	2,06041841	2,163580413	2,049625884	2,029013456	2,150736399	2,103339865
=> Avg.SU(1)	2,054089697					2,099259203				

(3) Parallel CUTTER-U (3)

	1000a	1000b	1000c	1000d	1000e	2500a	2500b	2500c	2500d	2500e
Run 1	1,79	1,741	1,714	1,73	1,728	1,798	1,783	1,897	1,812	1,798
Run 2	1,711	1,755	1,727	1,79	1,768	1,798	1,826	1,797	1,813	1,797
Run 3	1,729	1,714	1,809	1,731	1,726	1,797	1,858	1,783	1,856	1,798
Run 4	1,728	1,727	1,737	1,754	1,769	1,812	1,795	1,798	1,813	1,826
Run 5	1,765	1,738	1,729	1,741	1,712	1,855	1,84	1,812	1,809	1,969
Average	1,7446	1,735	1,7432	1,7492	1,7406	1,812	1,8204	1,8174	1,8206	1,8376
MiAvMaDiPr	1,711	1,74252	1,809	0,098	5,624038748	1,783	1,8216	1,969	0,186	10,21080369
SpeedUp (1)	1,384730024	1,400230548	1,374024782	1,47221587	1,414569689	22,19437086	20,79597891	20,60988225	22,00966714	21,2618633
=> Avg.SU(1)	1,409154182					21,37435249				
SpeedUp (2)	0,68221942	0,686570605	0,683799908	0,690715756	0,68654487	10,25816777	10,1462316	10,15758776	10,23354938	10,10861994
=> Avg.SU(2)	0,685970112					10,18083129				

(4) Sequential CUTTER-W (4)

	1000a	1000b	1000c	1000d	1000e	2500a	2500b	2500c	2500d	2500e
Run 1	5,544	5,762	5,763	6,183	5,765	87,055	88,572	98,041	88,1	93,764
Run 2	5,532	5,753	5,763	6,178	5,678	87,021	88,587	98,046	88,095	93,79
Run 3	5,597	5,751	5,764	6,179	5,67	87,017	88,653	98,03	88,094	93,836
Run 4	5,527	5,831	5,855	7,785	5,744	87,02	88,587	98,25	88,087	93,769
Run 5	5,596	5,76	5,776	6,18	5,676	87,01	88,568	98,027	88,117	93,799
Average	5,5592	5,7714	5,7842	6,501	5,7066	87,0246	88,5934	98,0788	88,0986	93,7916
MiAvMaDiPr	5,527	5,86448	7,785	2,258	38,50298748	87,01	91,1174	98,25	11,24	12,3357339

(5) Parallel CUTTER-W (5)

	1000a	1000b	1000c	1000d	1000e	2500a	2500b	2500c	2500d	2500e
Run 1	2,45	2,467	2,613	2,425	2,38	6,308	6,135	6,107	6,326	6,777
Run 2	2,582	2,453	2,409	2,383	2,411	6,406	6,72	6,062	6,687	6,234
Run 3	2,368	2,441	2,468	2,399	2,398	6,405	6,208	6,139	6,406	6,492
Run 4	2,412	2,437	2,527	2,452	2,41	6,366	6,121	6,088	6,55	6,294
Run 5	2,455	2,411	2,452	2,428	2,454	6,418	6,705	6,677	6,29	6,351
Average	2,4534	2,4418	2,4938	2,4174	2,4106	6,3806	6,3778	6,2146	6,4518	6,4296
MiAvMaDiPr	2,368	2,4434	2,613	0,245	10,02701154	6,062	6,37088	6,777	0,715	11,22293937
SpeedUp (4)	2,265916687	2,363584241	2,319432192	2,689252916	2,36729445	13,63893678	13,89090282	15,78199723	13,65488701	14,58747045
=> Avg.SU(4)	2,401096097					14,31083886				

Explanation of "MiAvMaDiPr"

Mi = Minimum

Av = Average

Ma = Maximum

Di = Absolute Difference (Ma-Mi)

Pr = Procentual Difference (Ma-Mi)/Av