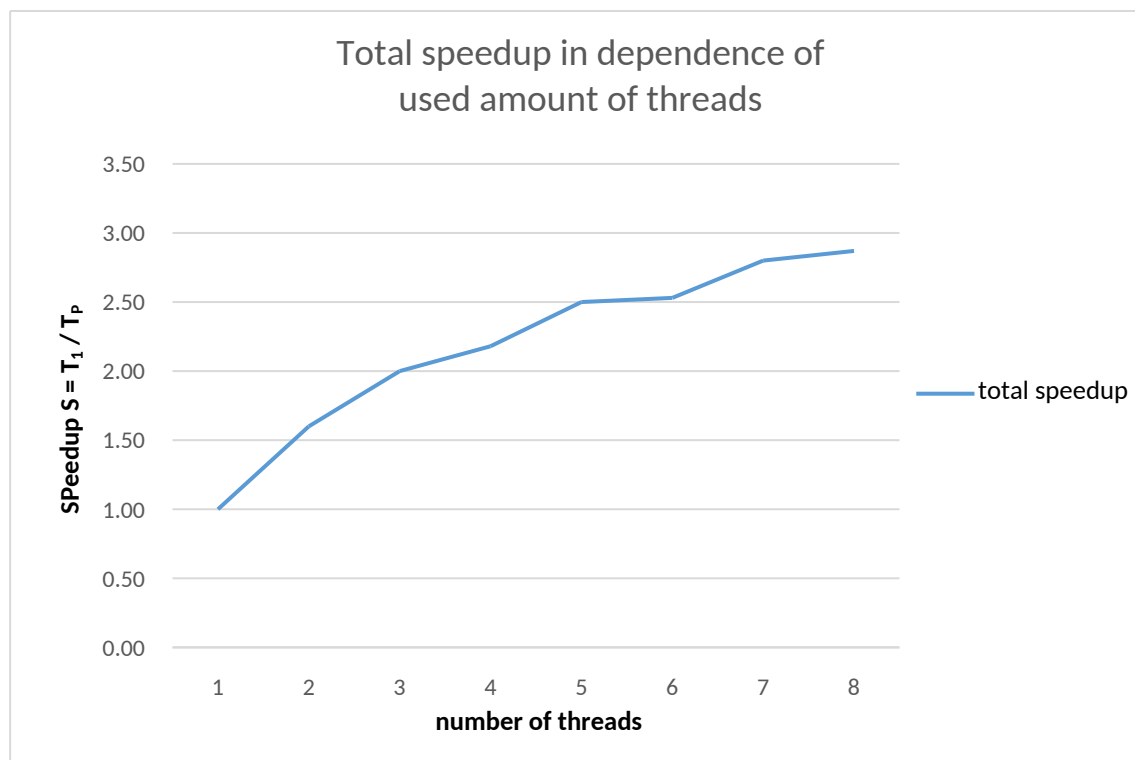
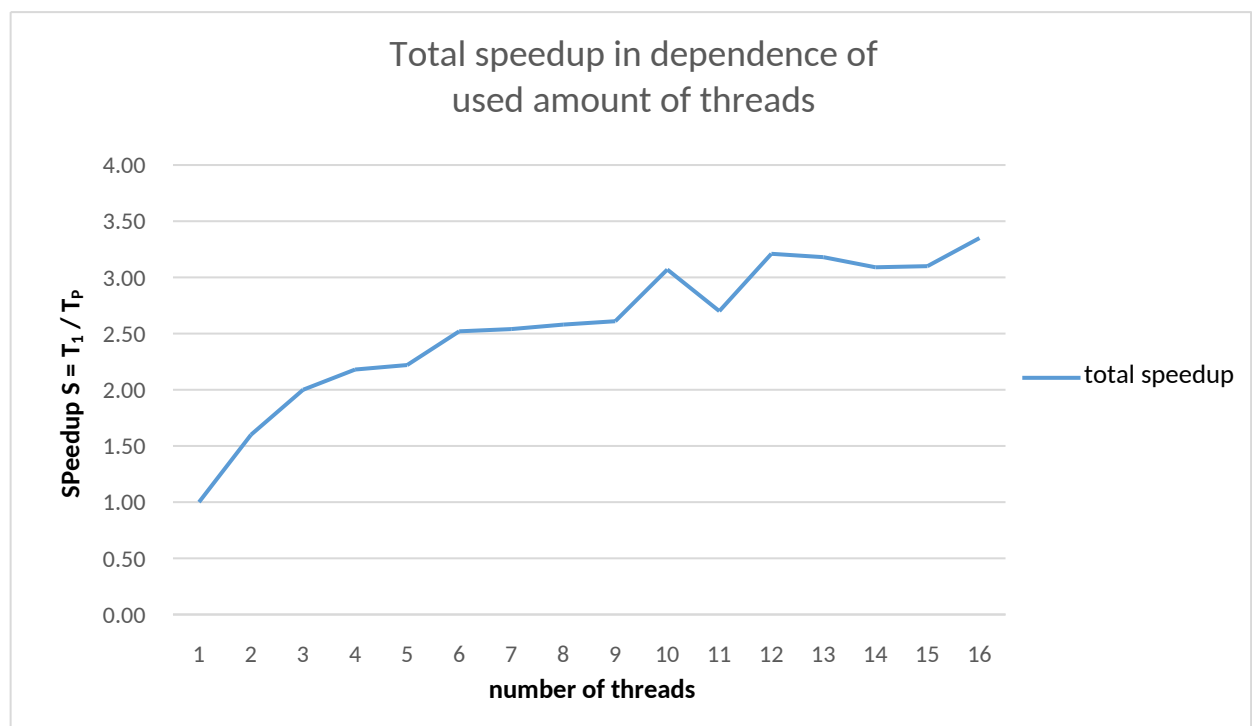


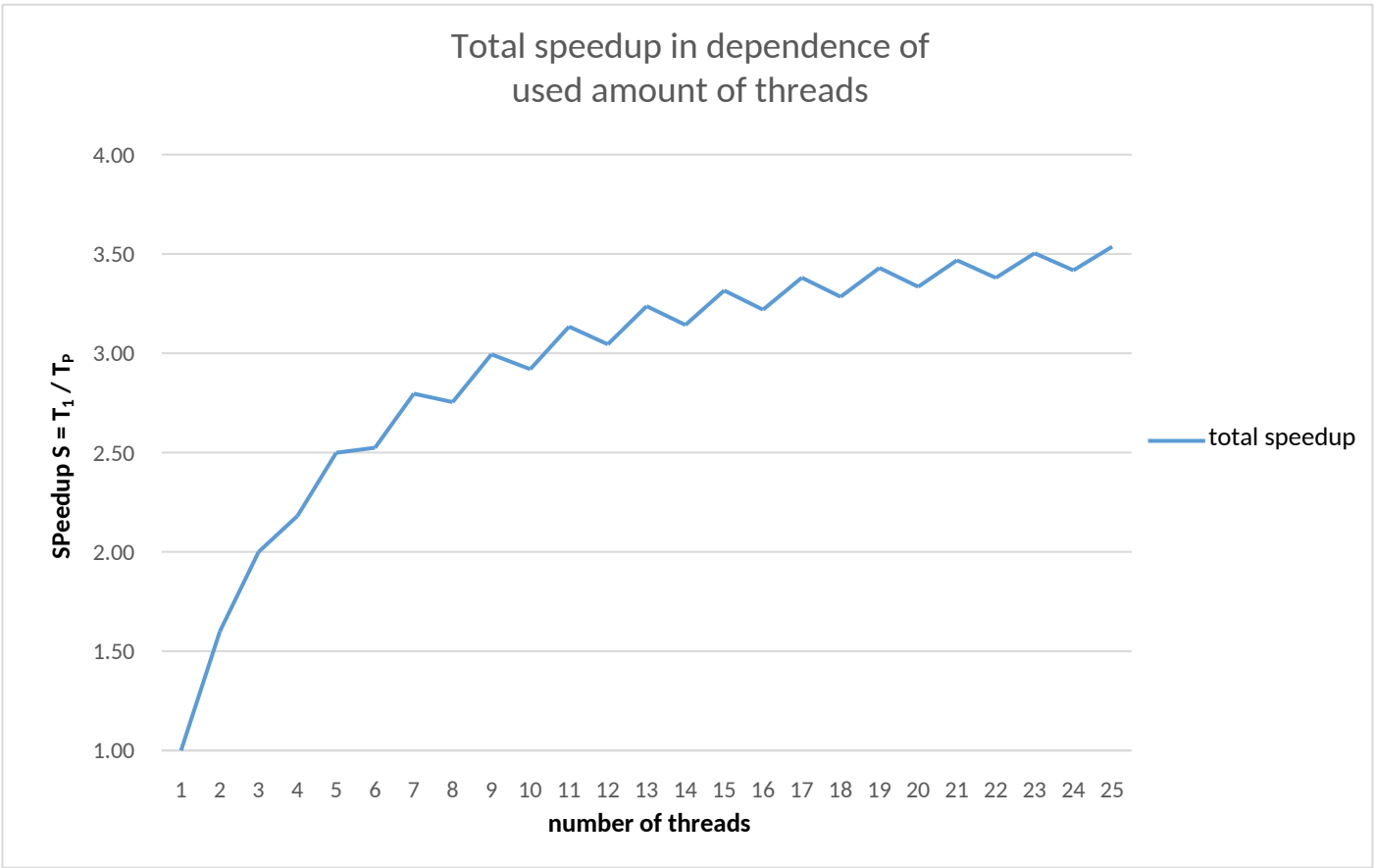
number of threads	total speedup	execution time (ms)
1	1.00	41979
2	1.60	26245
3	2.00	20988
4	2.18	19245
5	2.50	16792
6	2.53	16621
7	2.80	15001
8	2.87	14605



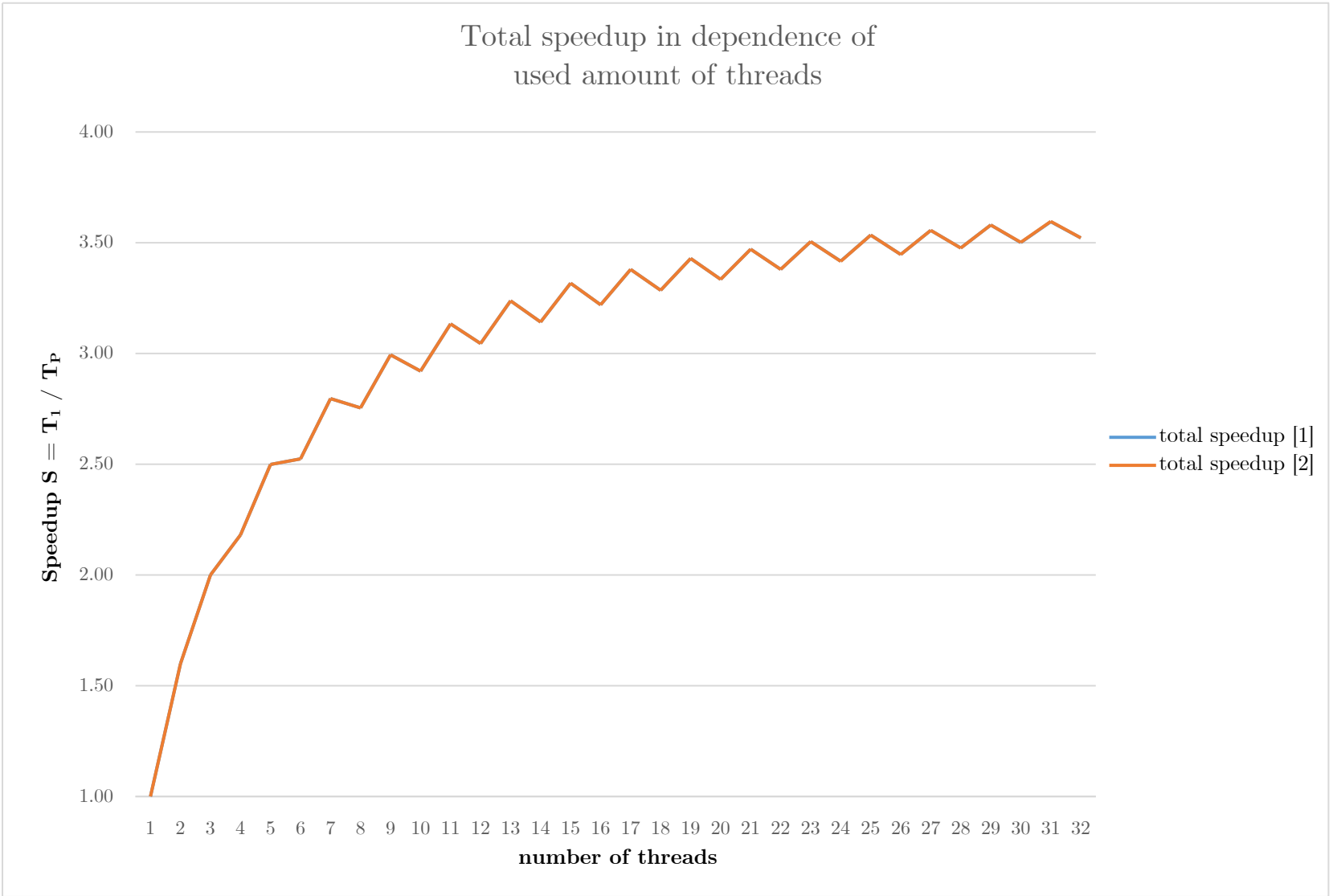
number of threads	total speedup	execution time (ms)
1	1.00	41979
2	1.60	26245
3	2.00	20988
4	2.18	19246
5	2.22	18895
6	2.52	16629
7	2.54	16502
8	2.58	16284
9	2.61	16083
10	3.07	13695
11	2.70	15531
12	3.21	13069
13	3.18	13184
14	3.09	13575
15	3.10	13559
16	3.35	12528



number of threads	total speedup	execution time (ms)
1	1.00	41991
2	1.60	26252
3	2.00	20993
4	2.18	19254
5	2.50	16802
6	2.52	16634
7	2.80	15015
8	2.75	15246
9	2.99	14022
10	2.92	14381
11	3.13	13398
12	3.05	13789
13	3.24	12972
14	3.14	13362
15	3.32	12663
16	3.22	13043
17	3.38	12421
18	3.28	12785
19	3.43	12243
20	3.34	12591
21	3.47	12107
22	3.38	12424
23	3.50	11985
24	3.42	12286
25	3.54	11873
26		
27		
28		
29		
30		
31		
32		



number of threads	total speedup [1]	total speedup [2]	execution time (ms) [1]	execution time (ms) [2]
1	1.00	1.00	41980	41980
2	1.60	1.60	26246	26246
3	2.00	2.00	20987	20988
4	2.18	2.18	19249	19249
5	2.50	2.50	16799	16799
6	2.52	2.52	16631	16631
7	2.80	2.80	15013	15013
8	2.75	2.75	15241	15241
9	2.99	2.99	14022	14022
10	2.92	2.92	14375	14374
11	3.13	3.13	13397	13397
12	3.04	3.04	13787	13787
13	3.24	3.24	12966	12966
14	3.14	3.14	13361	13361
15	3.32	3.32	12655	12655
16	3.22	3.22	13038	13038
17	3.38	3.38	12422	12422
18	3.29	3.29	12778	12778
19	3.43	3.43	12243	12243
20	3.33	3.33	12589	12589
21	3.47	3.47	12095	12096
22	3.38	3.38	12421	12421
23	3.51	3.51	11977	11977
24	3.42	3.42	12286	12289
25	3.53	3.53	11877	11877
26	3.45	3.45	12179	12179
27	3.56	3.56	11806	11806
28	3.48	3.48	12076	12077
29	3.58	3.58	11726	11726
30	3.50	3.50	11992	11988
31	3.59	3.60	11678	11674
32	3.52	3.52	11920	11919



number of threads	total speedup [1]	total speedup [2]	total speedup [3]	t _{s[1]} - t _{s[2]}	t _{s[1]} - t _{s[2]}	execution time (ms) [1]	execution time (ms) [2]	execution time (ms) [3]
1	1.000	1.000	1.000	0.000	0.000	41980	41980	42047
2	1.599	1.599	2.000	0.000	0.401	26246	26246	21021
3	2.000	2.000	2.000	0.000	0.000	20988	20988	21021
4	2.181	2.181	2.667	0.000	0.486	19249	19249	15768
5	2.499	2.499	2.500	0.000	0.001	16799	16799	16816
6	2.524	2.524	3.001	0.000	0.476	16631	16631	14013
7	2.796	2.796	2.801	0.000	0.004	15013	15013	15014
8	2.754	2.754	3.199	0.000	0.445	15241	15241	13143
9	2.994	2.994	2.999	0.000	0.005	14022	14022	14022
10	2.921	2.921	3.330	0.000	0.409	14374	14374	12627
11	3.134	3.134	3.140	0.000	0.006	13397	13397	13391
12	3.045	3.045	3.422	0.000	0.377	13787	13787	12287
13	3.238	3.238	3.245	0.000	0.007	12966	12966	12959
14	3.142	3.142	3.490	0.000	0.348	13361	13361	12049
15	3.317	3.317	3.324	0.000	0.007	12655	12655	12649
16	3.220	3.220	3.542	0.000	0.322	13038	13038	11872
17	3.379	3.379	3.386	0.000	0.007	12422	12422	12417
18	3.285	3.285	3.582	0.000	0.296	12778	12778	11740
19	3.429	3.429	3.437	0.000	0.009	12243	12243	12232
20	3.335	3.335	3.613	0.000	0.279	12589	12589	11637
21	3.471	3.471	3.481	0.000	0.010	12096	12096	12079
22	3.380	3.380	3.639	0.000	0.260	12421	12421	11553
23	3.505	3.505	3.515	0.000	0.010	11977	11977	11963
24	3.417	3.417	3.661	0.000	0.244	12286	12286	11485
25	3.535	3.535	3.543	0.000	0.008	11877	11877	11869
26	3.447	3.447	3.679	0.000	0.232	12179	12179	11430
27	3.556	3.556	3.571	0.000	0.015	11806	11806	11775
28	3.476	3.476	3.690	0.000	0.214	12077	12076	11394
29	3.580	3.580	3.590	0.000	0.010	11726	11726	11713
30	3.502	3.502	3.704	0.000	0.202	11988	11988	11352
31	3.596	3.598	3.609	0.002	0.013	11674	11668	11651
32	3.522	3.522	3.717	0.000	0.195	11919	11920	11313
33	3.617	3.617	3.624	0.000	0.006	11605	11605	11603
34	3.542	3.540	3.731	0.003	0.188	11851	11860	11271
35	3.623	3.623	3.638	0.001	0.016	11588	11586	11557
36	3.556	3.558	3.733	0.002	0.177	11806	11800	11263
37	3.638	3.638	3.650	0.000	0.012	11539	11538	11519
38	3.572	3.573	3.739	0.001	0.166	11751	11749	11246
39	3.650	3.645	3.658	0.005	0.008	11501	11518	11495
40	3.581	3.583	3.745	0.002	0.164	11723	11717	11229
41	3.657	3.657	3.669	0.000	0.012	11479	11480	11461
42	3.592	3.592	3.749	0.000	0.157	11686	11686	11215
43	3.663	3.663	3.676	0.000	0.013	11459	11459	11437
44	3.604	3.604	3.756	0.000	0.152	11647	11647	11194
45	3.671	3.669	3.679	0.002	0.008	11436	11441	11430
46	3.616	3.616	3.752	0.001	0.136	11608	11611	11206
47	3.677	3.670	3.685	0.006	0.008	11418	11438	11410
48	3.622	3.622	3.758	0.000	0.136	11590	11590	11188
49	3.679	3.680	3.691	0.000	0.012	11410	11409	11392
50	3.624	3.626	3.762	0.002	0.138	11583	11578	11176
51	3.684	3.684	3.697	0.000	0.013	11394	11395	11373
52	3.633	3.632	3.759	0.000	0.126	11556	11557	11187
53	3.690	3.691	3.706	0.001	0.016	11377	11375	11345
54	3.639	3.639	3.755	0.000	0.116	11535	11535	11198
55	3.695	3.695	3.705	0.001	0.010	11362	11360	11350
56	3.646	3.647	3.759	0.001	0.113	11514	11510	11185
57	3.698	3.696	3.708	0.001	0.010	11353	11357	11340
58	3.650	3.649	3.767	0.002	0.117	11501	11506	11161
59	3.699	3.698	3.714	0.000	0.015	11350	11351	11322
60	3.653	3.652	3.767	0.001	0.114	11492	11495	11163
61	3.698	3.701	3.715	0.003	0.017	11352	11343	11319
62	3.657	3.655	3.762	0.002	0.105	11479	11486	11176
63	3.700	3.700	3.718	0.000	0.018	11345	11346	11309
64	3.660	3.659	3.768	0.001	0.108	11470	11473	11160

