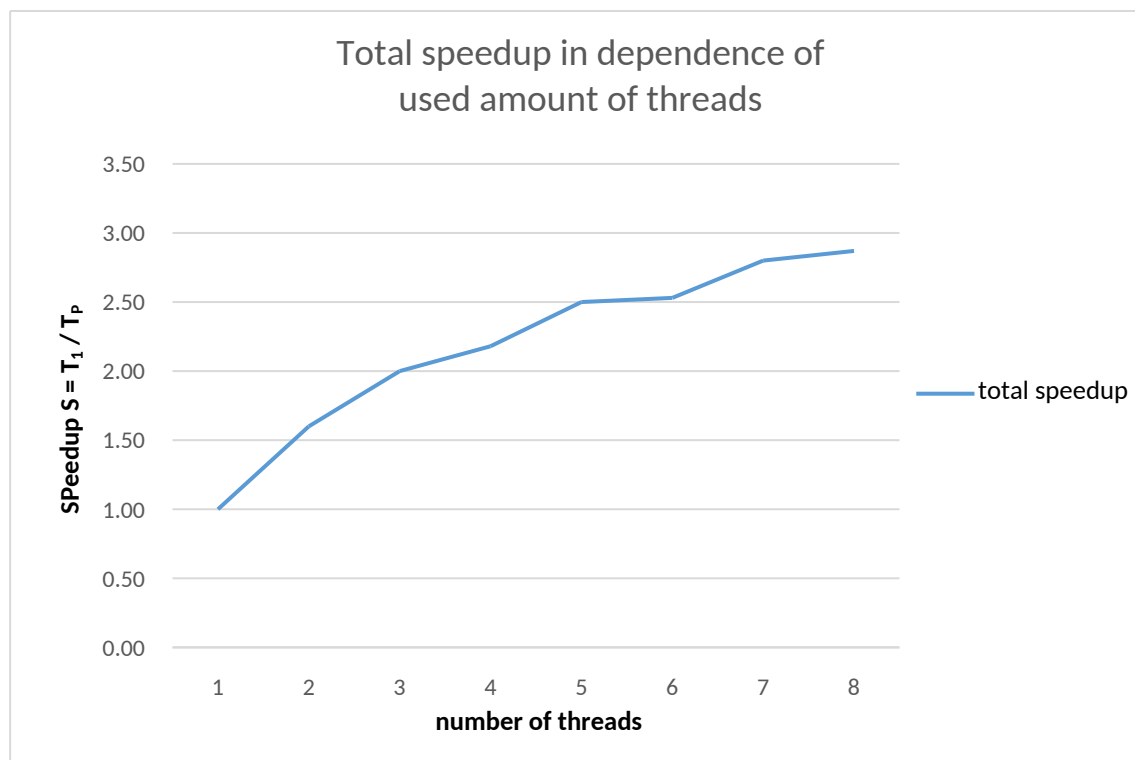
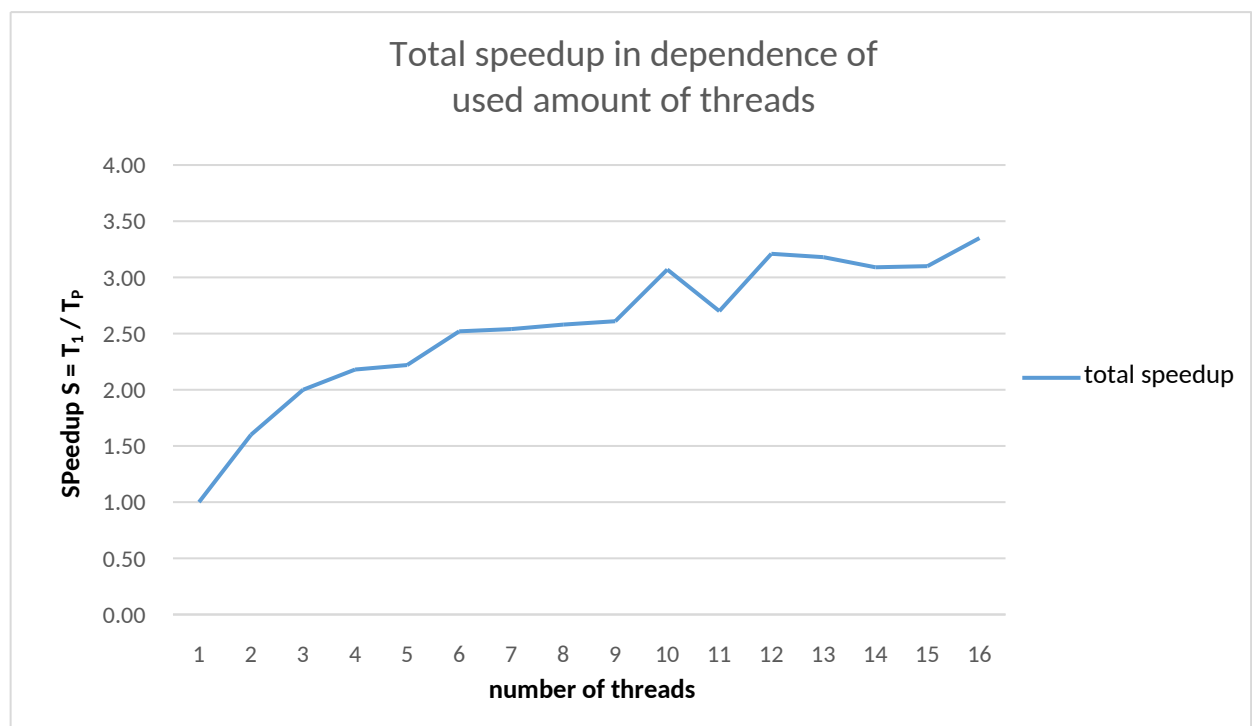


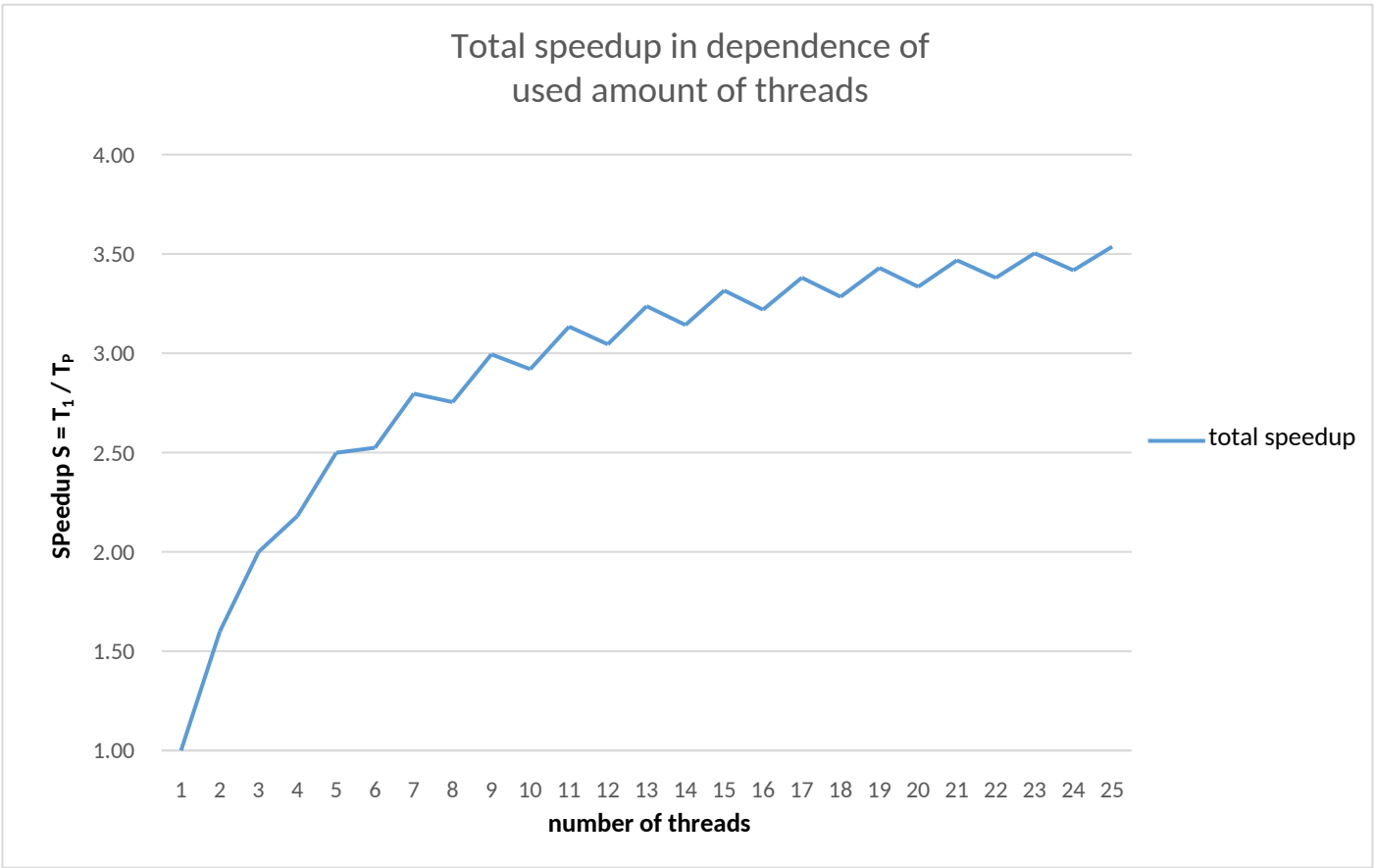
number of threads	total speedup	execution time (ms)
1	1.00	41979
2	1.60	26245
3	2.00	20988
4	2.18	19245
5	2.50	16792
6	2.53	16621
7	2.80	15001
8	2.87	14605



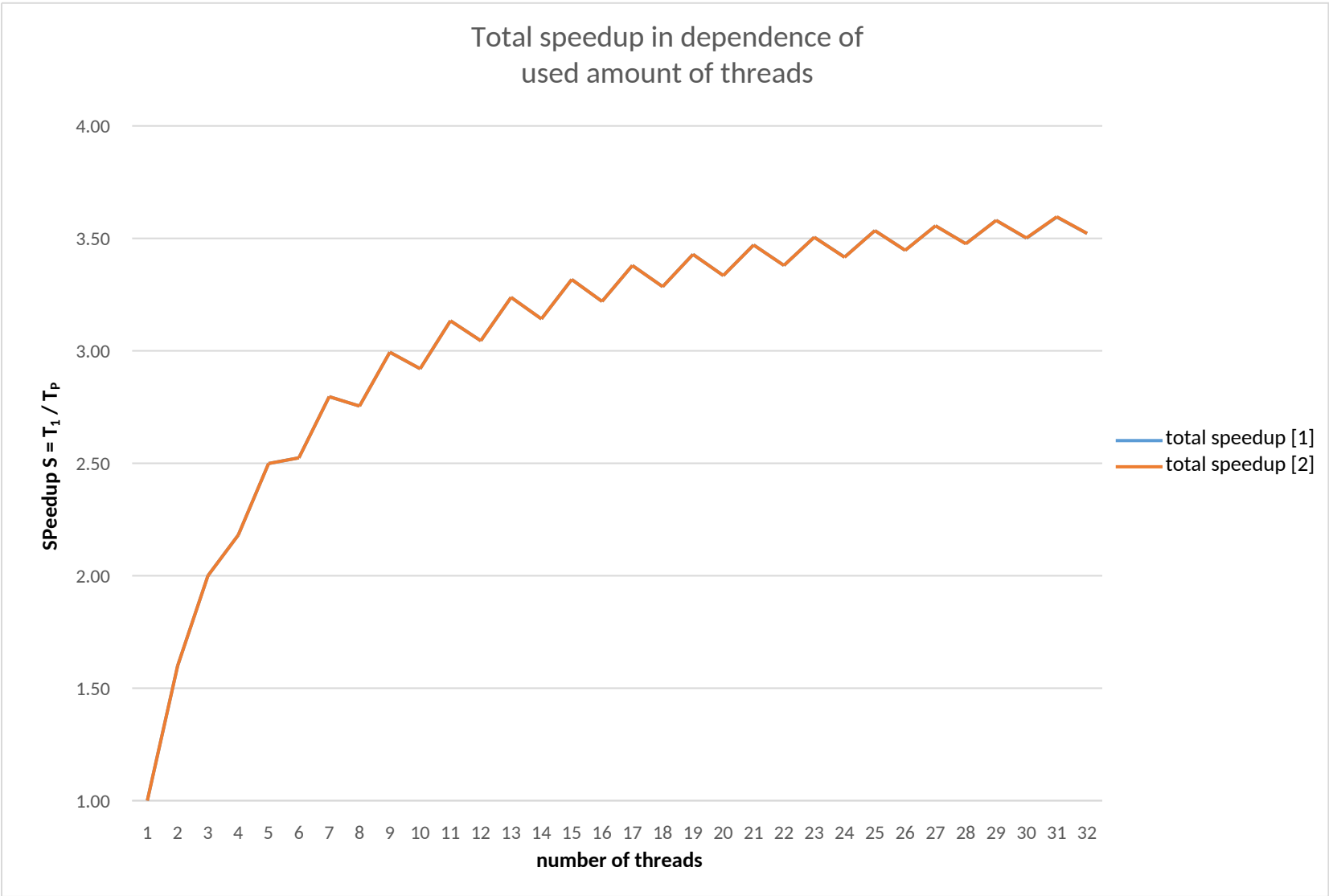
number of threads	total speedup	execution time (ms)
1	1.00	41979
2	1.60	26245
3	2.00	20988
4	2.18	19246
5	2.22	18895
6	2.52	16629
7	2.54	16502
8	2.58	16284
9	2.61	16083
10	3.07	13695
11	2.70	15531
12	3.21	13069
13	3.18	13184
14	3.09	13575
15	3.10	13559
16	3.35	12528



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]	t _{s[1]} - t _{s[2]}	execution time (ms) [1]	execution time (ms) [2]
1	1.000	1.000	0.000	41980	41980
2	1.599	1.599	0.000	26246	26246
3	2.000	2.000	0.000	20988	20988
4	2.181	2.181	0.000	19249	19249
5	2.499	2.499	0.000	16799	16799
6	2.524	2.524	0.000	16631	16631
7	2.796	2.796	0.000	15013	15013
8	2.754	2.754	0.000	15241	15241
9	2.994	2.994	0.000	14022	14022
10	2.921	2.921	0.000	14374	14374
11	3.134	3.134	0.000	13397	13397
12	3.045	3.045	0.000	13787	13787
13	3.238	3.238	0.000	12966	12966
14	3.142	3.142	0.000	13361	13361
15	3.317	3.317	0.000	12655	12655
16	3.220	3.220	0.000	13038	13038
17	3.379	3.379	0.000	12422	12422
18	3.285	3.285	0.000	12778	12778
19	3.429	3.429	0.000	12243	12243
20	3.335	3.335	0.000	12589	12589
21	3.471	3.471	0.000	12096	12096
22	3.380	3.380	0.000	12421	12421
23	3.505	3.505	0.000	11977	11977
24	3.417	3.417	0.000	12286	12286
25	3.535	3.535	0.000	11877	11877
26	3.447	3.447	0.000	12179	12179
27	3.556	3.556	0.000	11806	11806
28	3.476	3.476	0.000	12077	12076
29	3.580	3.580	0.000	11726	11726
30	3.502	3.502	0.000	11988	11988
31	3.596	3.598	0.002	11674	11668
32	3.522	3.522	0.000	11919	11920
33	3.617	3.617	0.000	11605	11605
34	3.542	3.540	0.003	11851	11860
35	3.623	3.623	0.001	11588	11586
36	3.556	3.558	0.002	11806	11800
37	3.638	3.638	0.000	11539	11538
38	3.572	3.573	0.001	11751	11749
39	3.650	3.645	0.005	11501	11518
40	3.581	3.583	0.002	11723	11717
41	3.657	3.657	0.000	11479	11480
42	3.592	3.592	0.000	11686	11686
43	3.663	3.663	0.000	11459	11459
44	3.604	3.604	0.000	11647	11647
45	3.671	3.669	0.002	11436	11441
46	3.616	3.616	0.001	11608	11611
47	3.677	3.670	0.006	11418	11438
48	3.622	3.622	0.000	11590	11590
49	3.679	3.680	0.000	11410	11409
50	3.624	3.626	0.002	11583	11578
51	3.684	3.684	0.000	11394	11395
52	3.633	3.632	0.000	11556	11557
53	3.690	3.691	0.001	11377	11375
54	3.639	3.639	0.000	11535	11535
55	3.695	3.695	0.001	11362	11360
56	3.646	3.647	0.001	11514	11510
57	3.698	3.696	0.001	11353	11357
58	3.650	3.649	0.002	11501	11506
59	3.699	3.698	0.000	11350	11351
60	3.653	3.652	0.001	11492	11495
61	3.698	3.701	0.003	11352	11343
62	3.657	3.655	0.002	11479	11486
63	3.700	3.700	0.000	11345	11346
64	3.660	3.659	0.001	11470	11473

