1
   " "   Array Size = 4000000

2
   " "   Black Solid line -> parallelization of 4

3
   " "   Purple Dashed line -> parallelization of 16

4
   " "   Orange Dotted line -> parallelization of 64

5
   " "   Green Solid line -> parallelization of 256

6
" Blue Dashed line -> parallelization of 1024

7
" Red Dotted line -> parallelization of 4096

8

x_1	y_1
20000	1748
220000	1204
420000	1304
620000	1382
820000	1384
1020000	1343
1220000	1347
1420000	1322
1620000	1358
1820000	1321
2020000	1815
2220000	1827
2420000	1818
2620000	1820
2820000	1815
3020000	1824
3220000	1816
3420000	1818
3620000	1827
3820000	1822
4020000	2935

9

x_2	y_2
20000	1312
220000	1026
420000	1039
620000	1119
820000	1095
1020000	1317
1220000	1317
1420000	1303
1620000	1342
1820000	1305
2020000	1823
2220000	1818
2420000	1822

2620000	1823
2820000	1826
3020000	1812
3220000	1826
3420000	1840
3620000	1818
3820000	1811
4020000	2934

10

x_3	y_3
20000	1208
220000	1001
420000	996
620000	1119
820000	1091
1020000	1313
1220000	1317
1420000	1303
1620000	1308
1820000	1316
2020000	1834
2220000	1826
2420000	1826
2620000	1825
2820000	1822
3020000	1811
3220000	1826
3420000	1818
3620000	1817
3820000	1846
4020000	2916

11

x_4	y_4
20000	1063
220000	995
420000	1008
620000	1093
820000	1094
1020000	1309
1220000	1333

1420000	1316
1620000	1317
1820000	1294
2020000	1829
2220000	1819
2420000	1830
2620000	1828
2820000	1840
3020000	1821
3220000	1825
3420000	1811
3620000	1817
3820000	1817
4020000	2934

12

x_5	y_5
20000	1082
220000	1001
420000	1007
620000	1093
820000	1095
1020000	1317
1220000	1309
1420000	1324
1620000	1327
1820000	1306
2020000	1806
2220000	1822
2420000	1818
2620000	1828
2820000	1820
3020000	1811
3220000	1826
3420000	1828
3620000	1819
3820000	1822
4020000	2905

13

x_6	y_6
20000	1215

220000	1016
420000	999
620000	1095
820000	1101
1020000	1315
1220000	1317
1420000	1302
1620000	1319
1820000	1309
2020000	1813
2220000	1820
2420000	1809
2620000	1808
2820000	1821
3020000	1812
3220000	1811
3420000	1812
3620000	1833
3820000	1829
4020000	2936