

Comments of the organizers on the record  
of problem C, contest of 2011

date: January 25, 2013

time: 237 msec, speed-up: 77.83

The previous record is highly improved with the use of a different sorting method (use of buckets) which is parallelized with MPI. The random, uniform generation of the data makes this buckets approach a competitive method, and the improvement is obtained mainly due to sequential optimization. The best result have been obtained with 32 MPI processes.