

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

date: February 4, 2012

time: 950 msec, speed-up: 19.5

The reduction of the execution time is obtained by combining message-passing and OpenMP parallelism.

The speed-up obtained (19.5) is far from the number of cores (32), which is normal considering the cost of communications.

No sequential optimization is included, and this could reduce the execution time even more.