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

date: March 19, 2012

time: 529 msec, speed-up: 35.01

The reduction of the execution time is obtained by sequential optimization (matrix transposition and reduction of the cost of the construction of the non-zero structure of the matrices) and by combining message-passing and OpenMP parallelism. In that way, the speed-up obtained is higher than the number of cores (32).