

## II Spanish Parallel Programming Contest

### MPI+OpenMP test: Problem E

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This problem has a straightforward parallelization that consist of calculate the various paths from the initials positions to the final positions in parallel. The speed-up that can be obtained in this way is limited by the number of paths to calculate. If we have a large number of paths it works very well since the paths are independent and we don't have to worry about synchronization.

I have used that way to parallelize the problem. I have also tried to simplify the algorithm code so the compiler can do a better optimization and produce faster code.