

## Solution of Serie 14

**Exercise 1** *One notices that the number of Gflops increases with the matrix order or the number of processors. An average on several executions of the case  $nb = 4, bl = 896$ , yields 7.2 Gflops. Knowing (`cat /proc/cpuinfo`) that the processors frequency is 1.8 Ghz, the theoretical peak performance with 16 processors would be 28.8 Gflops. Hence we reach in this test about 25% of the peak performance.*