fn=0.1 P.0=9-P= 2.12 (no multi-threading) = 7.27 0.1+0.9/24 0.MC +0.9 0.8nc + 7.2=nc -2nc=36 cores 36 cores -0 2 nodes (48 nodes) (iii) no it doesn't make sense since the speed-up increases from Sp.=7.27 to Sp.=8.42 for double the unmber of cores.