Problem Type	Average Execution Cost On Big Processors				Average Execution Cost On Little Processors			
	2 GHz	2.5 GHz	3 GHz	3.5 GHz	0.5 GHz	0.75 GHz	1 GHz	1.25 GHz
Eigenvalue Computation								
512x512	200 mJ	300 mJ	300 mJ	300 mJ	300 mJ	300 mJ	300 mJ	50 mJ
2048x2048	800 mJ	900 mJ	900 mJ	900 mJ	900 mJ	900 mJ	900 mJ	900 mJ
4096x4096	1200 mJ	1500 mJ	1500 mJ	1500 mJ	1500 mJ	1500 mJ	1500 mJ	1500 mJ
2D Convolution								
512x512	100 mJ	100 mJ	100 mJ	100 mJ	100 mJ	100 mJ	100 mJ	7.5 mJ
2048x2048	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ
4096x4096	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ
Matrix Multiplication								
512x512	100 mJ	100 mJ	100 mJ	100 mJ	100 mJ	100 mJ	100 mJ	7.5 mJ
2048x2048	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ	800 mJ
4096x4096	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ	1200 mJ
2D Fluid Simulation								
512x512	800 mJ	800 mJ	800 mJ	800 mJ	—	—	—	—
2048x2048	1200 mJ	1200 mJ	1200 mJ	1200 mJ	—	—	—	—
N-Body Simulation								
1024 particles	800 mJ	800 mJ	800 mJ	800 mJ	—	—	—	—