

# of Processes	4x4	8x8	16x16	32x32	64x64	128x128 2	256x256	8	
1	0	0	0	0	C	N/A N	N/A	0.25	
2	1.724137931	1.045296167	0.2528445006	0.07504690432	0.0281870606	6 N/A N	N/A	146	
4	8.108108108	2.5	0.498132005	0.6299212598	0.243825977	9 N/A N	N/A		
8	N/A	33.12655087	36.68430335	15.647365	5.44856418	3 N/A N	N/A	0 3 8 9 12 15	
16	N/A	N/A	36.53007847	33.40862423	32.2941913	9 N/A N	N/A	3 0 12 13	
								# of Processes # af Processes	
Analysis: These	results meet my	analytical expecta	ations. In cases v	where n>>p twice	the speedup of	the previous			
# of processes v									
because the time	spent communi	cating was greate	r than the benefit	of the reduced c	omputational tim	e. Although			
I did not run mar									
amount of time t						6 processes			
would be vastly									
When using 16						I predict that			
		it level out at som							