16	1	0.187	0.023	0.1229946524	
32	1	0.364	0.166	0.456043956	
64	1	1.201	1.501	1.24979184	
128	1	6.303	6.932	1.099793749	
256	1	31.021999	30.239	0.9747598793	Exp1: Parallel Overhead
512	1	193.378006	221.628998	1.146092064	
1024	1	1444.074951	1662.645996	1.151357133	
Number of vertices	Number of threads	Run-time	Serial Time	Speedup	1.25
					Spedup (realitive to 1 core)
					0.25 0.00 16 32 64 128 256 512 1024 Number of cores

16	2	0.527	0.023	0.04364326376							
16	4	0.765	0.023	0.03006535948	Ε\Λ	/ N/III	lticore Seed	lun: 16 vai	tices		
16	8	1.199	0.023	0.01918265221	1 0	viviui	ilicore Seec	iup. 10 vei	lices		
16	16	2.781	0.023	0.008270406329		1.1					
16	32	5.166	0.023	0.004452187379		1.0					
16	64	10.396	0.023	0.002212389381		0.9					
Number of vertices	Number of threads	Run-time	Serial Time	Speedup	core)	0.8					
						0.7					
					le to	0.6					
					alit	0.5					
					p (re	0.4					
					Spedup (realitve to	0.3					
					S	0.2					
						0.1					
						_{0.0} L			_		
							2	4	8 1	6 32	64
									Number of core	s	
										•	

32 64 15.368 0.166 0.0108016658 er of vertices Number of threads Run-time Serial Time Speedup 0.9 0.8 0.7 0.6 0.5 0.5 0.4 0.3 0.3 0.2 0.1 0.0 0.4 0.3 0.3 0.2 0.1 0.0 0.4 0.3 0.3 0.2 0.1 0.0 0.4 0.3 0.3 0.2 0.1 0.0 0.4 0.3 0.3 0.2 0.1 0.0 0.4 0.3 0.3 0.2 0.1 0.0 0.4 0.3 0.3 0.2 0.1 0.1 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	32 32 32 32 32	2 4 8 16 32	1.139 2.494 4.008 8.048	0.166 0.166 0.166	
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0					
2 4 8 16 32 64					

64 64 64 64 64	4 8 16 32 64	2.541 4.03 7.629 13.458 22.162001	1.501 1.501 1.501 1.501 1.501	0.590712318 0.3724565757 0.1967492463 0.1115321742 0.0677285413	18 FW Multicore Seedup: 64 vertices 1.1 1.0 0.9
Number of vertices	Number of threads	Run-time	Serial Time	Sppedup	0.8 0.8 0.7 0.6 0.6 0.5 0.3 0.3 0.2 0.1
					0.0 2 4 8 16 32 64 Number of cores

128	2	9.222	6.932	0.7516807634	
128	4	8.356	6.932	0.8295835328	EW Multiporo Soodup: 129 vortigos
128	8	11.578	6.932	0.5987217136	FW Multicore Seedup: 128 vertices
128	16	18.490999	6.932	0.3748850995	1.1
128	32	30.752001	6.932	0.2254162258	1.0
128	64	49.661999	6.932	0.1395835878	0.9
Number of vertices	Number of threads	Run-time	Serial Time	Speedup	0.8
					8 0.7
					9 0.6
					1 1 0.5 0.5
					<u>ğ</u> 0.4
					0.6 0.5 0.4 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3
					₩ 0.2
					0.1
					0.0
					2 4 8 16 32 64
					Number of cores
					-

256	2	35.09	30.239	0.8617554859
256		39.317001		
256				
256	16	75.938004	30.239	0.3982064106
256	32	115.425003	30.239	0.2619796337
256	64	152.539001	30.239	0.1982378264
Number of vertices	Number of threads	Run-time	Serial Time	Speedup

512	2	199.820999	221.628998	1.109137674							
512		222.906998		0.9942666672							
512				0.9014952625	FW M	Iulticore S	Seedup: 512	2 vertices			
512				0.8298566962	1.						
512				0.467232643	1.						
512	64	716.302002	221.628998	0.3094072017	0.						
Number of vertices	Number of threads	Run-time	Serial Time	Speedup							
					1 core)						
					9 0						
					o.						
					Spedup (realitve	4					
					dnpe	3					
					Š 0.:	2					
					0.	1					
					0.						
						2	4	8	16	32	64
								Numbe	r of cores		

1024	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
1024	4	1562.635986	1662.645996	1.064000836	FW	Mu	lticore Se	edup: 102	4 vertice	S		
1024	8	1752.91394	1662.645996	0.948504064		1110		очар. 102	- 1 7011100			
1024	16	1918.838013	1662.645996	0.8664858548		1.1						
1024	32	2692.251953	1662.645996	0.6175670127		1.0						
1024	64	3999.654053	1662.645996	0.4156974513		0.9						
Number of vertices	Number of threads	Run-time	Serial Time	Speedup	core)	0.8						
					-	0.7						
					/e to	0.6						
					alit	0.5						
					p (re	0.4						
					Spedup (realitv	0.3						
					Sp	0.2						
						0.1						
						0.0						
							2	4	8	16	32	64
									Numbe	r of cores		
									Number	01 00103		