						OpenMP Run N	umber											CUDA Run Num						
V numThrea	ads	1	2	3	4	Kun N		7	8	9	10	Average	V	1	2	3	4	Kun Num	Der 6	7	8	٩	10	Average
	1	0.000107	0.000115	0.000116	0.000127	0.000110	0.000116	0.000108	0.000080	0.000127	0.000102	0.000111	40	0.421000	0.402000	0.394000	0.432000	0.419000	0.407000	0.423000	0.390000	0.405000	0.392000	0.408500
	2	0.000216	0.000219	0.000234	0.000154	0.000239		0.000237	0.000216	0.000216	0.000228	0.000217	80	0.409000	0.404000	0.417000	0.417000	0.396000	0.405000	0.392000	0.388000		0.399000	
	4	0.000217	0.000164	0.000205	0.000308	0.000218	0.000264	0.000242	0.000203	0.000245	0.000231	0.000230	160	0.400000	0.405000	0.393000	0.384000	0.380000	0.408000	0.382000	0.404000	0.388000	0.416000	0.396000
	8	0.000344	0.000295	0.000413	0.000349	0.000360	0.000337	0.000363	0.000339	0.000329	0.000333	0.000346	320	0.420000	0.408000	0.409000	0.403000	0.418000	0.411000	0.403000	0.391000	0.403000	0.408000	0.407400
	10	0.000450	0.000328	0.000341	0.000401	0.000351	0.000343	0.000376	0.000441	0.003027	0.000402	0.000646	640	0.440000	0.421000	0.423000	0.486000	0.424000	0.425000	0.416000	0.396000	0.405000	0.435000	0.427100
	12	0.000475	0.000359	0.000497	0.000445	0.000426	0.000669	0.023255	0.000392	0.000454	0.000455	0.002743	1280	0.498000	0.499000	0.526000	0.544000	0.520000	0.507000	0.475000	0.498000	0.509000	0.534000	0.511000
	16	0.001067	0.055973	0.064593	0.006695	0.134322	0.005583	0.159307	0.157415	0.018228	0.160976	0.076416	2560	0.785000	0.781000	0.770000	0.763000	0.803000	0.785000	0.758000	0.740000	0.805000	0.756000	0.774600
	1	0.000613	0.000717	0.000712	0.000714	0.000658	0.000711	0.000525	0.000715	0.000602	0.000706	0.000667	5120	2.044000	2.058000	2.012000	2.027000	2.088000	2.151000	2.043000	2.000000	2.040000	2.024000	2.048700
	2	0.000494	0.000542	0.000560	0.000483	0.000495	0.000498	0.000475	0.000525	0.000492	0.000499	0.000506	10240	7.089000	7.210000	7.095000	7.147000	7.153000	7.019000	7.149000	7.062000	6.998000	7.086000	7.100800
	4	0.000443	0.000367	0.000477	0.000369	0.000424	0.000337	0.000464	0.000376	0.000471	0.000444	0.000417	20480	27.226000	27.581000	29.548000	27.150000	27.514000	28.167000	27.174000	27.154000	27.171000	27.511000	27.619600
	8	0.000408	0.000392	0.000476	0.000425	0.000482	0.005475	0.000452	0.000402	0.000431	0.000414	0.000936				R^2 for 0	CUDA							
	10	0.000532	0.000433	0.000475	0.000480	0.000511	0.000568	0.000403	0.000444	0.000495	0.000521	0.000486			k	n	R^2	Adj. R^2						
12	12	0.000527	0.000468	0.000532	0.000485	0.000547	0.000586	0.000545	0.001184	0.000561	0.000575	0.000601			1		0.922959	0.913329						
	16	0.006021	0.010394	0.054097	0.015878	0.059390	0.209316	0.017169	0.003139	0.005803	0.150413	0.053162			2	10	0.999998	0.999998						
	1	0.004191	0.004827	0.005230	0.005249	0.005250	0.005246	0.005227	0.004928	0.005236	0.005235	0.005062			3		0.999999	0.999998						
	2	0.002805	0.002931	0.002764	0.002847	0.002812	0.002873	0.002855	0.002795	0.002805	0.002830	0.002832												
	4	0.001622	0.001612	0.001722	0.001587	0.001696	0.001631	0.001615	0.001632	0.001675	0.001651	0.001644						CUDA	A Company					
	8	0.001110	0.001080	0.001146	0.001048	0.001046	0.001202	0.170962	0.001039	0.001142	0.001106	0.018088	V					Run Num	ber					Average
	10	0.001068	0.001106	0.000995	0.001071	0.001076		0.000981	0.001007	0.000984	0.001084	0.001049	٧	1	2	3	4	5	6	7	8	9	10	
	12	0.000954	0.000970	0.001056	0.000974	0.000963		0.000975	0.001014	0.001059	0.001018	0.000993	10	0.424000	0.410000	0.424000	0.420000	0.419000	0.424000	0.418000			0.391000	0.413000
	16	0.028904	0.002096	0.051463	0.011715	0.002124		0.035310	0.028104	0.003133	0.033783	0.019911	20	0.422000	0.422000	0.416000	0.387000	0.408000	0.403000	0.407000	0.407000	0.419000		0.408000
	1	0.034624	0.032049	0.034101	0.034618	0.036512		0.036596	0.036420	0.034331	0.035599	0.035141	40	0.440000	0.437000	0.389000	0.392000	0.420000	0.420000	0.407000	0.408000	0.405000		0.412600
	2	0.019896	0.019835	0.020205	0.020157	0.019710		0.020161	0.020157	0.020153	0.019819	0.020012	80	0.421000	0.401000	0.400000	0.405000	0.406000	0.421000	0.406000	0.400000		0.419000	0.408000
	4	0.010732	0.010737	0.010706	0.010813	0.010791	0.010804	0.010796	0.010839	0.010788	0.010716	0.010772	160	0.424000	0.386000	0.403000	0.418000	0.467000	0.393000	0.410000	0.421000		0.393000	0.410400
	8	0.005763	0.005743	0.005769	0.005955	0.005866		0.005870	0.005888	0.005845	0.005756	0.005835	320	0.457000	0.407000	0.419000	0.392000	0.406000	0.397000	0.419000	0.419000	0.409000		0.413100
	10	0.004810	0.004927	0.004891	0.004793	0.004919		0.004872	0.004836	0.004954	0.004931	0.004870	640	0.436000	0.434000	0.422000	0.440000	0.425000	0.426000	0.453000	0.450000	0.427000		0.434300
	12	0.004166	0.004311	0.004175	0.004302	0.004298		0.004199	0.004358	0.004283	0.004153	0.004244	1280	0.523000	0.496000	0.508000	0.516000	0.515000	0.531000	0.512000	0.501000	0.500000		0.511900
1 2	16	0.003672	0.003569	0.004392	0.003575	0.840989		0.003850	0.033928	0.213127	0.013514	0.115061	2560	0.794000	0.794000	0.788000	0.796000		0.761000	0.785000	0.746000		0.768000	0.779200
	1	0.184347	0.230684	0.190939	0.190565	0.191045		0.218932	0.191943	0.184755	0.191682	0.196604	5120	2.053000	2.009000	2.006000	2.064000	2.057000	2.032000	2.030000	1.979000	2.030000	2.004000	
	2	0.113145	0.117052	0.114993	0.117388	0.116991	0.117062	0.135313	0.116827	0.122145	0.117067	0.118798	10240			R^2 for 0								7.100800
	4	0.068152	0.068394	0.068198	0.068191	0.066769		0.068060	0.068459	0.074834	0.068097	0.068740	20480		k	n	R^2	Adj. R^2						27.619600
	8	0.038231	0.038390	0.038550	0.038192	0.038589		0.038251	0.038340	0.038195	0.038302	0.038324			1	45	0.918447	0.908253						
	10	0.031651	0.031677	0.031681	0.031712	0.092864	0.032026	0.031896	0.031658	0.031719	0.048464	0.039535			2	10	0.999986	0.999982	0.000018					
	12	0.027184	0.027110	0.027333	0.027503	0.027071	0.027010	0.027110	0.027091	0.027384	0.027395	0.027219			3		0.999988	0.999983						
	16	0.024394	0.021603	0.021684	0.070944	0.106159		0.094455	0.117870	0.041289	0.027023	0.055180												
	1	1.122230	1.119910	1.116070	1.120980	1.179790		1.162900	1.120160	1.120850	1.119900	1.130381					Oper							
	2	0.592865	0.593104	0.593802	0.592389	0.621155		0.589705	0.592595	0.592933	0.643052	0.600431	V			Numb	er of Thread				Total Time	Factor of		
	4	0.327092	0.327083	0.327816	0.326817	0.327477	0.327366	0.326984	0.327524	0.327682	0.324387	0.327023		1	2	4	8	10	12	16		Time Increase		
	8	0.194213	0.195259	0.195057	0.194603	0.194087	0.195149	0.193902	0.194897	0.194837	0.195275	0.194728	10	0.000111	0.000217	0.000230	0.000346	0.000646	0.002743	0.076416	0.080709			
	10	0.166836	0.167150	0.166758	0.167186	0.167086	0.167211	0.164305	0.167647	0.167334	0.167177	0.166869	20	0.000667	0.000506	0.000417	0.000936	0.000486	0.000601	0.053162	0.056776	0.703		
	12	0.146690	0.152705	0.164303	0.146371	0.146979	0.146701	0.147212	0.145819	0.144107	0.146880	0.148777	40	0.005062	0.002832	0.001644	0.018088	0.001049	0.000993	0.019911	0.049579	0.873		
	16	0.717853 8.549590	0.184974 8.541500	0.121431 8.544910	0.135628 8.545690	0.135254 8.616560		0.125825 8.555170	0.127972 8.548670	0.135282 8.557150	0.178610 8.555770	0.198289 8.556604	80	0.035141	0.020012	0.010772 0.068740	0.005835	0.004870	0.004244	0.115061	0.195934	3.952 2.778		
	1												160						0.027219		0.544400			
	2	4.315190	4.313350	4.370350	4.365100	4.311370		4.341250	4.329640	4.350570	4.315940	4.333323	320	1.130381	0.600431	0.327023	0.194728	0.166869	0.148777	0.198289	2.766497	5.082		
	4	2.189760 1.131560	2.189490	2.253510 1.135000	2.252750	2.236780		2.227670 1.132580	2.189080 1.131530	2.293860 1.152260	2.194580 1.186380	2.222403	640	8.556604	4.333323 34.051620	2.222403 17.102010	1.145941 8.628121	0.919849 6.913016	0.778048	0.617248	18.573416	6.714 7.796		
	10	0.919589	0.918654	0.921397	0.920888	0.920298		0.918211	0.919455	0.920760	0.919445	0.919849	1280 2560	67.900270	34.051620 271.473200	17.102010	8.628121 65.191480	0.0.00	5.780104 45.557730	4.419781	144.794922			
		0.919589	0.918654	0.921397	0.920888	0.920298			0.919455	0.920760	0.919445	0.919849	2000	542.474400							1151.059680	7.950		
	12 16	0.778721	0.777693	0.777776	0.777213	0.779244		0.779325	0.777571	0.778439	0.776469	0.778048	5120	+300.019000	2174.939000	1001.941000	J41.938500	+33.972100	302.133900	271.954100	91/0.39/600	7.971		
	16	67 907700	67 855300	67 934900	67.847000	67 922800		67.878800	68 090200	67.915500	67 806200	67.900270			1.981	3 982	7.950	9 928	11 898	15 843				
	2	34.019000	34.132800	34.022200	34.065900	34.079800		34.037900	34.067100	34.072400	33.999500	34.051620			1.961	3.962	000.1	9.928	11.096	2126.194				
	4	17 078900	34.132800 17.160200	17.133500	17.068000	17.087400		17.091000	17 098800	17.076000	17 139300	17.102010			R^2 f	for OpenMP (n	umThreade:	= 8)		2120.194				
	8	8.608600	8.668640	8.603240	8.606710	8 605530		8.648550	8.662220	8.603470	8.608740	8.628121			k	n perimir (II	R2	- 6) Adj. R2						
	10	6.904820	6.974160	6.903960	6.910070	6.902940	0.0000.0	6.907630	6.909220	6.909070	6.902530	6.913016			1	.,	0.847152	0.828046						
	12	5.773530	5.777040	5 770340	5.770280	5 768650		5.803800	5.835830	5.767890	5.761660	5.780104			2	10	0.997333	0.996571	0.003429	194 634				
	16	4.431890	4.410000	4.361650	4.358930	4.358860		4.514440	4.438090	4.480530	4.443490	4.419781			3		0.999999	0.999999	3.003423	134.034				
		542.168000	542.821000	542.393000	542.730000	542.505000			542.336000	542.442000	542.551000	542.474400					0.000000	0.000000						
		271.404000	271.897000	271.384000	271.622000	271.183000		271.315000	271.431000	271.677000	271.370000	271.473200												
		135.753000	136.248000	135.868000	136.142000	135.941000		135.976000	135.980000	135.933000	135.911000	135.969500												
	8	68.177100	68.268700	68.178900	68.297700	68.145200		68.150300	68.171900	68.189100	38.182700	65.191480												
	10	54.575400	54.651300	54.655600	54.805500	54.687600		54.606200	54.627000	54.598200	54.595400	54.641900												
	12	45.540300	45.545100	45.597600	45.657800	45.577000		45.509000	45.558300	45.531500	45.536400	45.557730												
	16	34 233300	34 270700	34 248300	49.048700	34 388400		34 230900	34 387700	34 230300	34 231300	35 751470												
	1 4						4304.780000																	
							2160.240000																	
							1081.640000																	
		541 633000	542 824000				541 787000																	
		J# 1.033000								433.882000														
	10	433 675000	434 484000	434 580000																				
		433.675000 361.708000	434.484000 363.361000	434.589000 363.333000			433.893000 361.933000																	

