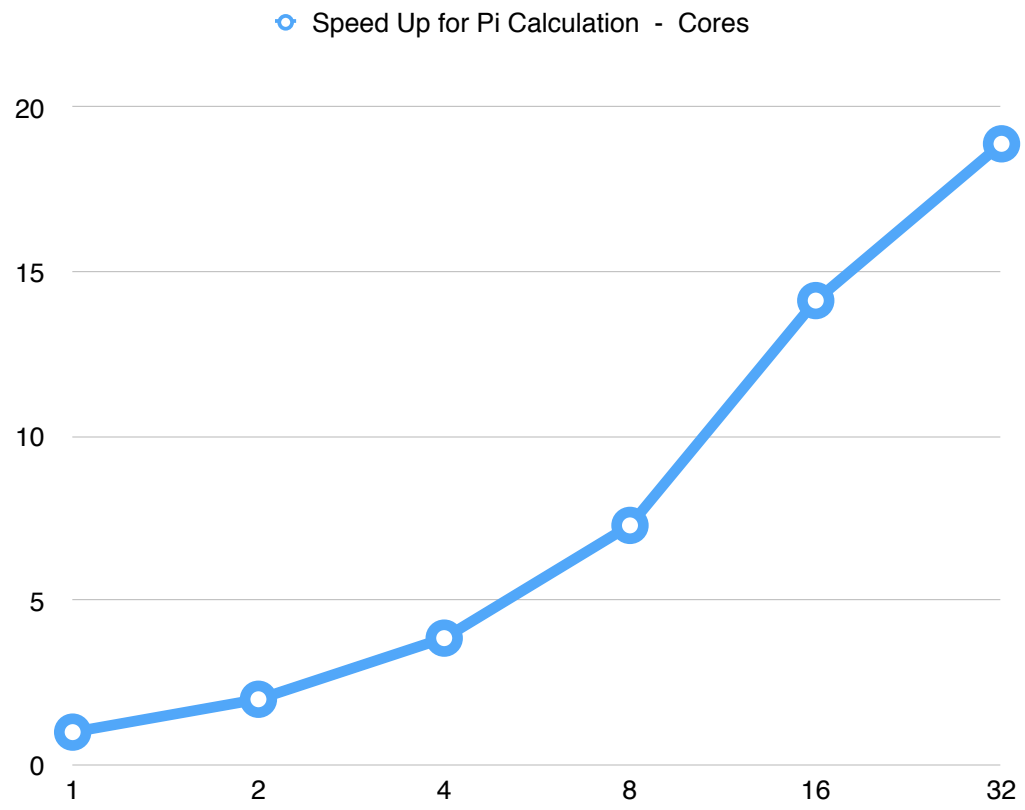
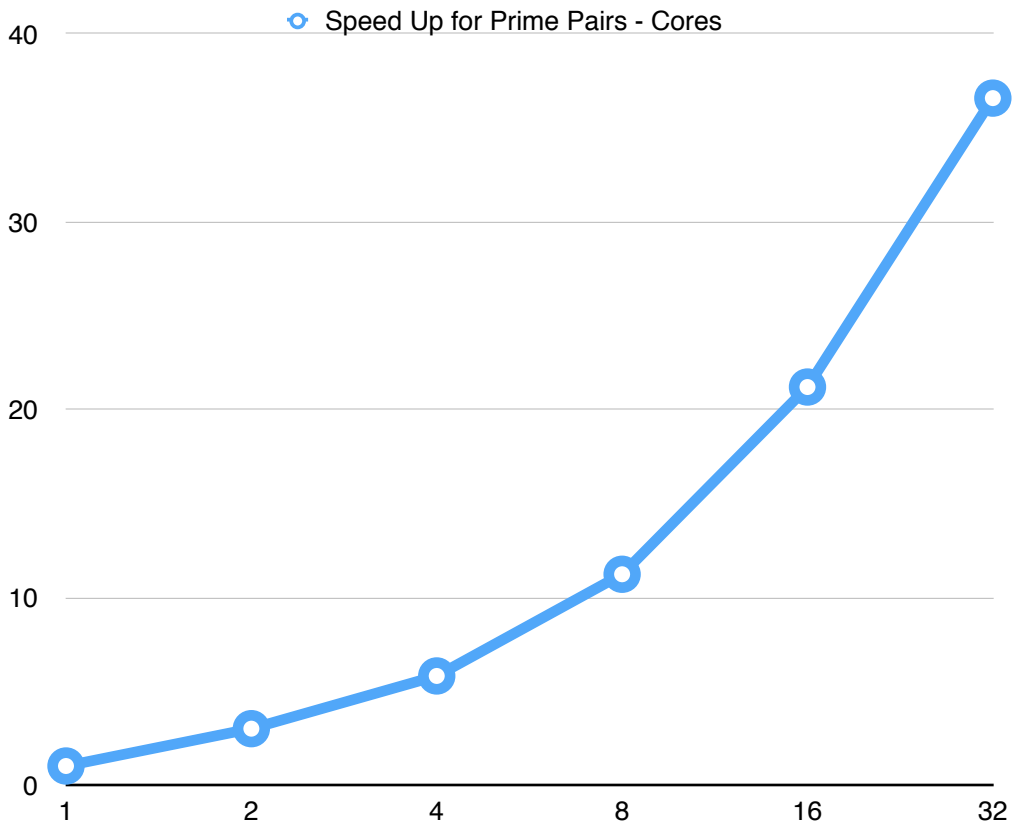
1. Pi Calculation:



mode	threads	iterations	time duration
sequential	1	1000000000	13.990000
spmd	2	1000000000	6.981021
working share	2	1000000000	7.124358
spmd	4	1000000000	3.625851
working share	4	1000000000	3.607287
spmd	8	1000000000	1.916189
working share	8	1000000000	1.918831
spmd	16	1000000000	0.996487
working share	16	1000000000	0.995634
spmd	32	1000000000	0.745520
working share	32	1000000000	0.801212

2. Prime Pairs:



mode	threads	range	time duration
sequential	1	50000000	197.816222
parallel	2	50000000	66.102786
parallel	4	50000000	34.093628
parallel	8	50000000	17.622186
parallel	16	50000000	9.289402
parallel	32	50000000	5.388288