

Sequential		
repetition	vector size	time(in seconds)
1000000	10	0.01267
	100	0.12932
	1000	1.21573
	2048	2.48192
10000000	10	0.12477
	100	1.29097
	1000	12.15573
	2048	24.83548
Auto Vectorization		
repetition	vector size	time(in seconds)
1000000	10	0.0103
	100	0.08469
	1000	0.84692
	2048	1.72672
10000000	10	0.10161
	100	0.84089
	1000	8.46098
	2048	17.25562
OMP vectorization		
repetition	vector size	time(in seconds)
1000000	10	0.01259
	100	0.12843
	1000	1.21505
	2048	2.48115
10000000	10	0.12477
	100	1.283
	1000	12.14456
	2048	24.80792
double instead of float		
repetition	vector size	time(in seconds)
1000000	10	0.01487
	100	0.12892
	1000	1.21607
	2048	3.72078

