outputVectorized

Dimensions	SEQtime	VECtime	UNROLLtime	SEQtoVECSpeedup
1*1 matrix	2.836e-06 sec	4.932e-06 sec	1.46e-06 sec	0.57502
1*8 matrix	2.529e-06 sec	4.654e-06 sec	1.424e-06 sec	0.543404
1*64 matrix	9.69e-07 sec	3.822e-06 sec	5.794e-06 sec	0.253532
1*512 matrix	2.703e-06 sec	3.949e-06 sec	3.384e-06 sec	0.684477
1*4096 matrix	9.609e-06 sec	5.262e-06 sec	4.457e-06 sec	1.82611
8*1 matrix	2.723e-06 sec	5.099e-06 sec	1.671e-06 sec	0.534026
8*8 matrix	2.83e-06 sec	4.911e-06 sec	1.637e-06 sec	0.576257
8*64 matrix	3.268e-06 sec	3.889e-06 sec	3.555e-06 sec	0.840319
8*512 matrix	9.666e-06 sec	5.085e-06 sec	4.267e-06 sec	1.90088
8*4096 matrix	4.0171e-05 sec	1.5343e-05 sec	1.4638e-05 sec	2.6182
64*1 matrix	2.93e-06 sec	6.729e-06 sec	3.104e-06 sec	0.435429
64*8 matrix	3.793e-06 sec	6.245e-06 sec	3.675e-06 sec	0.607366
64*64 matrix	1.0241e-05 sec	5.567e-06 sec	6.027e-06 sec	1.83959
64*512 matrix	4.2446e-05 sec	1.5236e-05 sec	1.165e-05 sec	2.7859
64*4096 matrix	0.000289628 sec	9.5521e-05 sec	8.1919e-05 sec	3.03209
512*1 matrix	4.925e-06 sec	1.3225e-05 sec	1.5549e-05 sec	0.372401
512*8 matrix	1.0919e-05 sec	1.1464e-05 sec	1.8938e-05 sec	0.95246
512*64 matrix	5.4762e-05 sec	1.7364e-05 sec	2.5446e-05 sec	3.15377
512*512 matrix	0.000313624 sec	9.2804e-05 sec	8.1972e-05 sec	3.37942
512*4096 matrix	0.00112292 sec	0.000435759 sec	0.000396475 sec	2.57692
4096*1 matrix	1.3837e-05 sec	2.6913e-05 sec	6.1129e-05 sec	0.514138
4096*8 matrix	3.8556e-05 sec	2.7852e-05 sec	7.587e-05 sec	1.38432
4096*64 matrix	0.000293718 sec	8.2535e-05 sec	0.000130541 sec	3.55871
4096*512 matrix	0.00117518 sec	0.000446117 sec	0.000394037 sec	2.63425
4096*4096 matrix	0.0103806 sec	0.00605421 sec	0.00634061 sec	1.7146
1*1 matrix	1.535e-06 sec	2.531e-06 sec	1.356e-06 sec	0.60648
1*7 matrix	1.393e-06 sec	2.558e-06 sec	1.06e-06 sec	0.544566
1*49 matrix	6.19e-07 sec	2.013e-06 sec	3.281e-06 sec	0.307501
1*343 matrix	1.606e-06 sec	2.947e-06 sec	2.631e-06 sec	0.544961
1*2401 matrix	6.275e-06 sec	3.585e-06 sec	3.175e-06 sec	1.75035
7*1 matrix	2.61e-06 sec	4.748e-06 sec	1.46e-06 sec	0.549705
7*7 matrix	3.187e-06 sec	6.673e-06 sec	2.376e-06 sec	0.477596
7*49 matrix	2.499e-06 sec	4.033e-06 sec	3.986e-06 sec	0.619638
7*343 matrix	8.125e-06 sec	4.948e-06 sec	4.695e-06 sec	1.64208
7*2401 matrix	2.2527e-05 sec	1.0729e-05 sec	1.5514e-05 sec	2.09964
49*1 matrix	2.79e-06 sec	6.081e-06 sec	2.757e-06 sec	0.458806
49*7 matrix	3.315e-06 sec	7.628e-06 sec	3.074e-06 sec	0.434583
49*49 matrix	1.0247e-05 sec	5.399e-06 sec	7.601e-06 sec	1.89794
49*343 matrix	2.3653e-05 sec	1.2092e-05 sec	1.2676e-05 sec	1.95609
49*2401 matrix	0.000131776 sec	5.0816e-05 sec	4.7472e-05 sec	2.5932
343*1 matrix	4.049e-06 sec	1.0274e-05 sec	1.0852e-05 sec	0.394102
343*7 matrix	7.641e-06 sec	1.5156e-05 sec	1.2736e-05 sec	0.504157
343*49 matrix	3.1571e-05 sec	1.4531e-05 sec	3.12e-05 sec	2.17267
343*343 matrix	0.00013925 sec	6.1033e-05 sec	6.9724e-05 sec	2.28155
343*2401 matrix	0.000447498 sec	0.000210749 sec	0.000206517 sec	2.12337
2401*1 matrix	9.156e-06 sec	2.41e-05 sec	3.6595e-05 sec	0.379917
2401*7 matrix	2.5314e-05 sec	4.1212e-05 sec	5.1616e-05 sec	0.614239
2401*49 matrix	0.000123637 sec	5.1487e-05 sec	0.000122864 sec	2.40132
2401*343 matrix	0.000757528 sec	0.00032564 sec	0.000378978 sec	2.32627
2401*2401 matrix	0.00329363 sec	0.00142437 sec	0.0012902 sec	2.31233

SEQtoUNROLL	VECtoUNROLL
1.94247	3.37808
1.77598	3.26826
0.167242	0.659648
0.798759	1.16696
2.15593	1.18061
1.62956	3.05147
1.72877	3
0.919269	1.09395
2.26529	1.1917
2.7443	1.04816
0.943943	2.16785
1.03211	1.69932
1.69919	0.923677
3.64343	1.30781
3.53554	1.16604
0.316741	0.850537
0.576566	0.605344
2.15209	0.682386
3.82599	1.13214
2.83225	1.09908
0.226357	0.440266
0.508185	0.367102
2.25001	0.632253
2.98242	1.13217
1.63715	0.954831
1.13201	1.86652
1.31415	2.41321
0.188662	0.613532
0.610414	1.12011
1.97638	1.12913
1.78767	3.25205
1.34133	2.8085
0.626944	1.01179
1.73056	1.05389
1.45204	0.691569
1.01197	2.20566
1.0784	2.48146
1.34811	0.710301
1.86597	0.953929
2.77587	1.07044
0.373111	0.946738
0.599953	1.19001
1.01189	0.465737
1.99716	0.875351
2.16688	1.02049
0.250198	0.65856
0.490429	0.798435
1.00629	0.419057
1.99887	0.859258
2.5528	1.10399