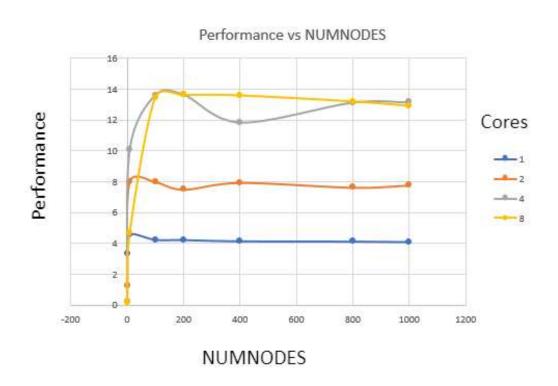
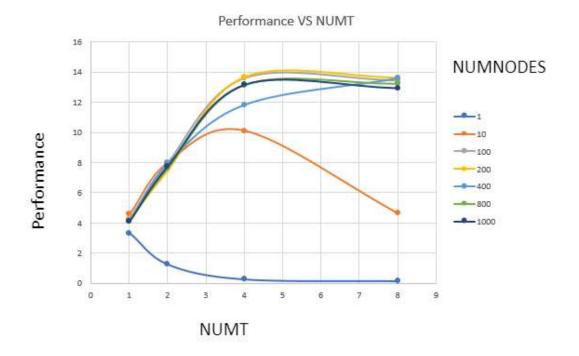
## **OpenMP Numeric integration**

NUMNODES			100	200	400	800		
	1	10					1000	<b>Grand Total</b>
1	3.33	4.59	4.25	4.23	4.15	4.13	4.1	28.78
2	1.25	8	7.99	7.5	7.94	7.63	7.77	48.08
4	0.27	10.1	13.61	13.65	11.84	13.13	13.15	75.75
8	0.15	4.67	13.45	13.62	13.6	13.21	12.93	71.63
	1 2 4	1 3.33 2 1.25 4 0.27 8 0.15	1 3.33 4.59 2 1.25 8 4 0.27 10.1	1 10 100   1 3.33 4.59 4.25   2 1.25 8 7.99   4 0.27 10.1 13.61	1 10 100 200   1 3.33 4.59 4.25 4.23   2 1.25 8 7.99 7.5   4 0.27 10.1 13.61 13.65	1 10 100 200 400   1 3.33 4.59 4.25 4.23 4.15   2 1.25 8 7.99 7.5 7.94   4 0.27 10.1 13.61 13.65 11.84	1 10 100 200 400 800   1 3.33 4.59 4.25 4.23 4.15 4.13   2 1.25 8 7.99 7.5 7.94 7.63   4 0.27 10.1 13.61 13.65 11.84 13.13	1 10 100 200 400 800 1000   1 3.33 4.59 4.25 4.23 4.15 4.13 4.1   2 1.25 8 7.99 7.5 7.94 7.63 7.77   4 0.27 10.1 13.61 13.65 11.84 13.13 13.15

(1) Performance as a function of NUMNODES with colored lines showing different NUMT values:



(2) Performance as a function of NUMT with colored lines showing different NUMNODES values



Sum of MaxPerformanceMegaComputePerSecond	NUMNODES				400	800	1000	
Cores		1 10	100	200				Grand Total
	1 3.3	3 4.59	4.25	4.23	4.15	4.13	4.1	28.78
	2 1.2	5 8	7.99	7.5	7.94	7.63	7.77	48.08
	4 0.2	7 10.3	13.61	13.65	11.84	13.13	13.15	75.75
	8 0.1	5 4.67	13.45	13.62	13.6	13.21	12.93	71.63