

# RESULTADOS EJERCICIOS MPI - CLUSTER ARENAL

David Vargas - B16844

E1	WTime			Aceleración			Eficiencia		
	cv = 1,000	cv = 10,000	cv = 100,000	cv = 1,000	cv = 10,000	cv = 100,000	cv = 1,000	cv = 10,000	cv = 100,000
p									
1	0.0003	0.0024	0.0215	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0.0002	0.0012	0.0118	1.5621	1.9279	1.8189	0.7811	0.9640	0.9095
4	0.0002	0.0007	0.0051	1.5086	3.5913	4.1879	0.3771	0.8978	1.0470
8	0.0002	0.0004	0.0030	1.7255	5.7098	7.1257	0.2157	0.7137	0.8907

E2	WTime			Aceleración			Eficiencia		
	cv = 1,000	cv = 10,000	cv = 100,000	cv = 1,000	cv = 10,000	cv = 100,000	cv = 1,000	cv = 10,000	cv = 100,000
p									
1	0.0002	0.0016	0.0154	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0.0001	0.0008	0.0077	1.8316	1.9457	1.9885	0.9158	0.9728	0.9943
4	0.0001	0.0005	0.0039	1.9551	3.5022	3.9429	0.4888	0.8756	0.9857
8	0.0008	0.0013	0.0026	0.2161	1.2370	5.8813	0.0270	0.1546	0.7352

E3	WTime			Aceleración			Eficiencia		
	cv = 1,000	cv = 10,000	cv = 100,000	cv = 1,000	cv = 10,000	cv = 100,000	cv = 1,000	cv = 10,000	cv = 100,000
p									
1	0.0414	19.5774	inf	1.0000	1.0000	n/a	1.0000	1.0000	n/a
2	0.0285	14.5600	inf	1.4512	1.3446	n/a	0.7256	0.6723	n/a
4	0.0186	9.3329	inf	2.2285	2.0977	n/a	0.5571	0.5244	n/a
8	0.0115	5.2720	inf	3.5902	3.7135	n/a	0.4488	0.4642	n/a

E4	WTime			Aceleración			Eficiencia		
	cv = 1,024	cv = 8,192	cv = 65,536	cv = 1,024	cv = 8,192	cv = 65,536	cv = 1,024	cv = 8,192	cv = 65,536
p									
1	0.0025	0.0203	0.1547	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0.0013	0.0108	0.0880	1.8782	1.8781	1.7589	0.9391	0.9390	0.8795
4	0.0008	0.0058	0.0486	3.0469	3.4930	3.1815	0.7617	0.8732	0.7954
8	0.0008	0.0040	0.0251	3.0735	5.1313	6.1562	0.3842	0.6414	0.7695

restricción: cv debe ser potencia de 2