

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	0.0229	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0.0002	0.0012	0.0118	1.6398	1.9344	1.9300	0.8199	0.9672	0.9650
4	0.0001	0.0007	0.0060	1.9701	3.5521	3.8161	0.4925	0.8880	0.9540
8	0.0193	0.0354	0.0499	0.0137	0.0674	0.4576	0.0017	0.0084	0.0572

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	0.0151	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0.0001	0.0008	0.0077	1.6364	1.9742	1.9553	0.8182	0.9871	0.9777
4	0.0001	0.0004	0.0039	1.8182	3.5915	3.8598	0.4545	0.8979	0.9649
8	0.0231	0.0200	0.0399	0.0078	0.0805	0.3789	0.0010	0.0101	0.0474

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	0.0427	19.3762	inf	1.0000	1.0000	n/a	1.0000	1.0000	n/a
2	0.0317	16.5214	inf	1.3444	1.1728	n/a	0.6722	0.5864	n/a
4	0.0233	10.6155	inf	1.8339	1.8253	n/a	0.4585	0.4563	n/a
8	0.0670	12.0007	inf	0.6368	1.6146	n/a	0.0796	0.2018	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	0.0024	0.0202	0.1488	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0.0013	0.0104	0.0811	1.8487	1.9334	1.8344	0.9243	0.9667	0.9172
4	0.0008	0.0060	0.0425	2.8634	3.3610	3.5049	0.7158	0.8402	0.8762
8	0.0446	0.0513	0.1558	0.0545	0.3936	0.9550	0.0068	0.0492	0.1194

restricción: cv debe ser potencia de 2