















































































Experiments and Results									
• Ma _ _	and Sim 2 C	elbrot F nulator ru PUs at 2	Rende In time: 2.7 GHz	e rer (Gr s on 16- z, 8 core	⁻ aphics core Int es each,	s Pipel el® Xec 2-way l	i ne Ap on® mul nyper-th	plicatio ti-core l readed	on) nost
	RIS	C V0.2.	1, Posix	k-thread	S				
Daral		DES		PDES			OOO PDES		
Slice	iei es	Run Time	CPU Load	Run Time	CPU Load	Speedup	Run Time	CPU Load	Speedup
1		162.13 s	99%	162.06 s	100%	1.00 x	161.90 s	100%	1.00 x
2		162.19 s	99%	96.50 s	168%	1.68 x	96.48 s	168%	1.68 x
4		162.56 s	99%	54.00 s	305%	3.01 x	53.85 s	304%	3.02 x
8		163.10 s	99%	29.89 s	592%	5.46 x	30.05 s	589%	5.43 x
16		164.01 s	99%	19.03 s	1050%	8.62 x	20.08 s	997%	8.17 x
32		165.89 s	99%	11.78 s	2082%	14.08 x	11.99 s	2023%	13.84 x
64		170.32 s	99%	9.79 s	2607%	17.40 x	9.85 s	2608%	17.29 x
128	3	174.55 s	99%	9.34 s	2793%	18.69 x	9.39 s	2787%	18.59 x
256	3	185.47 s	100%	8.91 s	2958%	20.82 x	8.90 s	2964%	20.84 x
<u></u>				<u>. </u>					1





















