

Rasib Zaman & Mohammad Masood

Professor Ulf Schiller

Parallel Computing: CISC 372-010

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Assignment 4: Computing a Fractal Movie with CUDA

Resolution	Frames	Computing Time
640 x 400	10	0.0034
640 x 400	30	0.0091
640 x 400	60	0.0167
1024 x 768	32	0.0269
1024 x 768	62	0.0507
1444 x 800	32	0.0393
1444 x 800	64	0.0770
1920 x 1080	32	0.0625
1920 x 1080	64	0.1250
2560 x 1440	32	0.1135
2560 x 1440	64	0.2270
3840 x 2160	32	0.2210
3840 x 2160	64	0.4420
4096 x 2160	32	0.2685
4096 x 2160	64	0.4800