

Travelling With Style: Beyond3D's C++ AMP Contest
Corectness Data for the TSP - AMD Radeon HD 7730M

Running Time																
Problem type	Problem		Bernd Paradies										Average	Standard Deviation	Median	Geometric average
	Name	Known opt.	1	2	3	4	5	6	7	8	9	10				
TSP	a280	2579	7.35016	7.3503	7.35019	7.35003	7.3502	7.35005	7.35006	7.35012	7.35009	7.35014	7.350134	8.249E-005	7.35013	7.350134
	rat575	6773	18.0704	18.0709	18.0711	18.0712	18.0708	18.0703	18.0704	18.0713	18.0711	18.0702	18.07077	0.0004111	18.07085	18.07077
	u1060	224094	52.4562	52.4585	52.4571	52.4583	52.4575	52.4615	52.4549	52.4589	52.4547	52.4576	52.45752	0.00200155	52.45755	52.45752
	d2103	80450	89.9359	89.9361	89.9365	89.9366	89.9359	89.937	89.9378	89.9364	89.9374	89.9305	89.93601	0.0020344	89.93645	89.93601
	fnl4461	182566	89.9187	89.9177	89.9189	89.9144	89.9201	89.9169	89.9157	89.9176	89.9177	89.9167	89.91744	0.00163517	89.91765	89.91744
	pla7397	23260728	89.8302	89.8358	89.8334	89.8356	89.8359	89.8407	89.844	89.8306	89.8529	89.8365	89.83756	0.00680999	89.83585	89.8375598
*	Veikko Eeva										Average	Standard Deviation	Median	Geometric average		
TSP	a280	2579	7.52839	7.14392	7.08556	7.53488	7.10264	7.39998	7.32833	7.52837	7.29908	7.7535	7.370465	0.21999708	7.364155	7.36751697
	rat575	6773	17.7566	17.9671	18.0984	18.9208	18.3328	17.3494	17.7606	18.1033	18.0311	18.834	18.11541	0.48111319	18.06475	18.1096931
	u1060	224094	45.2568	42.1146	53.5447	35.1668	58.3007	52.6007	68.7045	52.2356	52.0483	63.736	52.37087	9.91323846	52.41815	51.4917235
	d2103	80450	89.9725	89.9725	78.4152	89.9926	88.4904	89.9666	89.9771	90.0408	83.8315	89.9613	88.06205	3.90137786	89.96955	87.979976
	fnl4461	182566	89.8814	89.9452	89.9101	89.913	89.9899	89.9086	89.8986	89.9676	89.9157	89.9452	89.92753	0.03349663	89.91435	89.9275244
	pla7397	23260728	89.7874	89.8958	89.9078	89.7603	89.6913	89.6924	89.7058	89.957	89.7419	89.7034	89.78431	0.09983032	89.7511	89.7842601

Best Tour																			
Problem type	Problem			Bernd Paradies										Average	Standard Deviation	Median	Geometric average	%Δ	Final score
	Name	Known opt.	Weight	1	2	3	4	5	6	7	8	9	10						
TSP	a280	2579	0.01763668	2685	2722	2722	2706	2685	2685	2717	2685	2685	2722	2701.4	17.8959958	2695.5	2701.34669	4.75%	8.76%
	rat575	6773	0.03621819	7090	7107	7077	7078	7109	7081	7080	7091	7096	7091	7090	11.4600756	7090.5	7089.99167	4.68%	
	u1060	224094	0.06676745	238808	243670	242584	239936	241824	238735	241142	238257	241263	240106	240632.5	1777.83178	240624	240626.595	7.38%	
	d2103	80450	0.1324641	82116	83538	84547	83472	82843	84761	83809	82285	83955	83665	83499.1	871.88244	83601.5	83494.996	3.78%	
	fnl4461	182566	0.28099017	197298	199949	196800	197828	197510	197283	196289	197405	198687	197052	197610.1	1035.33016	197351.5	197607.668	8.24%	
	pla7397	23260728	0.46592341	25854912	25737124	25672636	25849760	25569608	26151200	26227404	25988760	25877368	25635228	25856400	216466.27	25852336	25855586.3	11.16%	
*	Veikko Eeva										Average	Standard Deviation	Median	Geometric average	%Δ	Final score			
TSP	a280	2579	0.01763668	2646	2683	2678	2681	2639	2647	2637	2671	2682	2648	2661.2	19.3321839	2659.5	2661.1368	3.19%	12.31%
	rat575	6773	0.03621819	7083	7112	7097	7123	7113	7136	7135	7131	7055	7075	7106	27.7128129	7112.5	7105.9513	4.92%	
	u1060	224094	0.06676745	240194	238436	241034	241190	238270	239874	239201	239176	238173	236766	239231.4	1381.80101	239188.5	239227.807	6.75%	
	d2103	80450	0.1324641	83209	84529	84196	84360	84712	83407	84710	84149	84029	84213	84151.4	502.816777	84204.5	84150.044	4.60%	
	fnl4461	182566	0.28099017	199141	200087	202425	203495	201893	202519	199229	203533	205548	204392	202226.2	2169.40196	202472	202215.714	10.77%	
	pla7397	23260728	0.46592341	26789404	27667128	27078064	27581048	27050964	26413276	28059908	27467588	27325968	27057408	27249075.6	472719.246	27202016	27245382.1	17.15%	

Microsoft Visual Studio 2012 Version: 11.0.51106.01 Update 1
Microsoft Visual Studio 2012 C++ Compiler Version: 170051025
Compiler commandline: /MP /GS /Qpar /GL /analyze /W3 /Gy /Zi /Gm /Ox /fp:precise /D "WIN32" /D "NDEBUG" /D "_CONSOLE" /D "_UNICODE" /D "UNICODE" /errorReport:prompt /WX- /Zc:forScope /arch:AVX /Gd /Oy /Oi /MD /Fa"Release" /EHsc /nologo /Ot
CPU used for this batch: AMD 4600M
GPU used for this batch: AMD HD Radeon 7730M
GPU drivers used for this batch: AMD Catalyst 12.11 Beta 11

