

Workload	Discount Factor	Learning Rate					Baseline
		0.1	0.3	0.5	0.6	0.7	
BFS	0.9	10842.4109	10284.7250	11984.5404	9878.1198	10026.4725	9382.0358
	0.95	10829.5092	11368.6276	11146.1178	10492.0492	11449.9631	
	0.99	11431.5081	11037.8853	9246.5541	13344.9399	9888.8680	
GEMM	0.9	7121.4644	7545.4026	6183.7264	6727.7312	6291.2902	6572.8791
	0.95	7109.9955	6470.2151	6394.3583	6250.3797	6470.1048	
	0.99	7930.5368	7402.8710	6840.5710	6408.1639	6356.7730	
lbm	0.9	14934.6031	10348.5958	6747.4675	7883.0351	6442.0105	5496.7694
	0.95	11466.4762	7075.0525	9233.9041	7262.7251	7474.6430	
	0.99	13229.6011	9630.9145	7165.6544	9292.3002	7150.9567	
roms	0.9	13554.8366	12905.8018	9499.0962	10272.9774	11707.8631	8017.7966
	0.95	13065.5767	13997.3126	13093.9392	11309.9266	7498.3945	
	0.99	15241.9407	15084.8616	9489.9153	8956.8205	8526.3640	
mcf	0.9	6075.5295	5961.2819	6040.2951	6045.0236	6110.1164	6013.5048
	0.95	6092.1767	5937.2168	5909.7396	6012.1391	6061.2455	
	0.99	6104.6789	6039.9510	6000.8692	5989.4841	5952.6548	
fotonik	0.9	9165.5278	7214.8352	5554.5007	6465.6313	6379.9733	4870.8876
	0.95	9196.4502	7540.4257	5463.1607	5742.2924	5634.7609	
	0.99	4219.0469	9705.8025	7063.5698	5745.1912	5078.4759	
xalancbmk	0.9	3320.3768	3290.0849	3223.4785	3255.6701	3382.4733	3092.8963
	0.95	3423.2828	3069.3651	3113.4196	3243.3816	3277.2751	
	0.99	3403.1891	3112.0737	3271.8529	3048.4609	3050.1740	
gcc	0.9	9556.2548	9848.1062	9292.5111	9364.6882	9255.8783	9154.2951
	0.95	10009.8658	9081.2553	9091.5060	9219.1303	9141.1587	
	0.99	10003.7405	9110.0092	9250.6052	8815.3412	9040.7614	
STREAM	0.9	17597.0675	18140.7398	16822.3170	18718.8564	20205.4573	15555.0657
	0.95	18332.0477	16273.9752	19932.9588	18721.9580	18280.3459	
	0.99	22198.0468	15831.1364	15325.9422	21429.1975	14625.9627	
omnetpp	0.9	6688.0512	6762.9096	4948.9660	5029.3016	5591.4192	4743.9953
	0.95	5252.8867	6423.5163	5067.6210	5407.6634	5027.6567	
	0.99	5654.0424	6895.8845	4506.2129	4585.7170	-	

Workload	Time Steps	Threshold	ReLMXEL	Baseline	Energy (%)	Bandwidth (%)	Latency (%)	Avg Energy (pJ/10^9)		Avg Bandwidth (Gb/s)		Avg Latency (ps/10^6)	
								Baseline	ReLMXEL	Baseline	ReLMXEL	Baseline	ReLMXEL
STREAM	20170	16000	17597.07	15555.06	3.83654	8.39488	0.22618	951.9	915.38	81.24	88.06	2693460.34	2687368.2
GEMM	19468	17000	7121.46	6572.88	3.83188	4.95440	0.00552	959.58	922.81	73.47	77.11	2715493.46	2715343.55
BFS	17995	14000	10842.41	9673.14	7.66491	7.21649	-0.03015	842.28	777.72	70.81	75.92	2384200.57	2384919.4
gcc	17863	14000	9556.25	9154.29	7.66333	2.89897	0.07042	838.8	774.52	69.68	71.7	2373252.05	2371580.82
lbg	18473	15000	14934.6	5496.77	7.68576	107.03055	-0.01888	881.11	813.39	44.52	92.17	2490541.25	2491011.58
mcf	17894	14000	6075.53	6013.5	7.66290	1.69054	-0.23870	839.76	775.41	42.59	43.31	2368234.94	2373888.01
omnetpp	16682	14000	6688.05	4743.99	7.66774	35.62607	0.08203	807.67	745.74	52.63	71.38	2284908.97	2283034.71
roms	17563	14000	13554.84	8017.8	7.67000	40.19558	-4.42654	831.03	767.29	59.31	83.15	2248064.97	2347576.55
xalancbmk	16494	14000	3320.38	3092.9	7.67277	26.73350	0.05452	803.1	741.48	23.94	30.34	2268539.66	2267302.82
fotonik	20770	17000	9165.52	4870.89	4.06581	138.77703	-0.09364	994.39	953.96	26.82	64.04	2809860.91	2812492.07