

Table 1: Results for the Sabre Chain Depth Experiment

Program	CX ISA				ZZPhase ISA				SQiSW ISA			
	sabre	toqm	bqskit	canopus	sabre	toqm	bqskit	canopus	sabre	toqm	bqskit	canopus
bigadder	2.53	2.44	1.59	2.17	2.35	2.26	1.53	2.12	2.39	2.23	1.42	2.00
bv	2.67	4.06	10.94	2.44	2.67	4.06	10.94	2.33	2.38	3.12	8.12	2.12
gcm	1.68	1.60	0.95	1.44	1.37	1.29	0.55	1.22	1.53	1.49	0.62	1.36
ising	1.00	1.00	1.00	1.00	0.38	0.38	0.38	0.38	0.75	0.75	0.75	0.75
knn	2.60	4.02	1.48	1.29	2.40	3.93	1.22	1.23	2.43	3.46	1.21	1.39
multiplier	2.32	4.97	2.53	2.68	2.18	4.83	2.28	2.50	2.26	4.17	1.99	2.38
qec9xz	4.44	12.34	6.88	3.56	4.44	12.34	5.33	3.56	3.89	9.52	3.47	2.98
qft	1.74	1.50	1.78	1.49	1.51	1.45	2.02	1.45	1.31	1.12	1.53	1.12
qpeexact	2.77	3.32	3.15	2.96	2.46	3.09	2.89	2.76	2.08	2.50	2.23	2.22
qram	2.94	5.37	2.75	3.25	2.75	5.21	2.73	3.08	2.63	4.44	2.53	2.82
sat	2.44	2.66	1.88	2.29	2.23	2.43	1.38	2.13	2.24	2.36	1.42	2.03
swap_test	2.87	4.02	1.43	1.77	2.67	3.93	1.22	1.23	2.66	3.46	1.21	1.46
wstate	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.50	1.50	1.47	1.50