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mixbench/alternating (v0.02-55-gf517f8e)
----- Device specifications -----
Device:          GeForce GTX 1070 Ti
CUDA driver version: 9.20
GPU clock rate:  1683 MHz
Memory clock rate: 2002 MHz
Memory bus width: 256 bits
WarpSize:       32
L2 cache size:  2048 KB
Total global mem: 8111 MB
ECC enabled:    No
Compute Capability: 6.1
Total SPs:      2432 (19 MPs x 128 SPs/MP)
Compute throughput: 8186.11 GFlops (theoretical single precision FMAs)
Memory bandwidth: 256.26 GB/sec

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Total GPU memory 8505131008, free 8289189888
Buffer size:      64MB
Trade-off type:   compute with global memory (block strided)

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Compute iters	Single Precision ops				Double precision ops				Half precision ops				Integer operations			
	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	lops/byte	ex.time	GIOPS	GB/sec
0	0	39.95	0	215.01	0	83.63	0	205.42	0	39.76	0	216.07	0	39.73	0	216.21
1	0.129	39.09	27.47	212.86	0.065	81.33	13.2	204.63	0.258	39.98	53.72	208.15	0.129	39.02	27.52	213.28
2	0.267	37.63	57.06	213.99	0.133	78.45	27.37	205.31	0.533	39.74	108.09	202.66	0.267	37.82	56.78	212.94
3	0.414	36.87	87.36	211.12	0.207	76.05	42.36	204.73	0.828	45.35	142.07	171.67	0.414	36.65	87.89	212.4
4	0.571	34.99	122.76	214.82	0.286	73.24	58.65	205.26	1.143	60.43	142.15	124.38	0.571	35.06	122.49	214.37
5	0.741	33.98	157.99	213.28	0.37	70.94	75.68	204.33	1.481	75.52	142.18	95.97	0.741	34.06	157.62	212.79
6	0.923	32.37	199.04	215.63	0.462	68.13	94.57	204.89	1.846	88.96	144.84	78.45	0.923	32.63	197.44	213.9
7	1.12	31.31	240.04	214.32	0.56	65.77	114.28	204.07	2.24	105.7	142.22	63.49	1.12	31.23	240.65	214.87
8	1.333	29.46	291.6	218.7	0.667	63.15	136.02	204.02	2.667	118.6	144.85	54.32	1.333	29.64	289.83	217.37
9	1.565	27.98	345.32	220.62	0.783	60.84	158.85	202.97	3.13	135.87	142.24	45.44	1.565	28.29	341.63	218.26
10	1.818	25.97	413.51	227.43	0.909	58.22	184.44	202.88	3.636	150.97	142.25	39.12	1.818	26.35	407.42	224.08
11	2.095	24.66	478.93	228.58	1.048	57.05	207.05	197.63	4.19	166.06	142.25	33.95	2.095	24.68	478.52	228.39
12	2.4	22.13	582.12	242.55	1.2	53.2	242.21	201.84	4.8	181.14	142.26	29.64	2.4	22.44	574.27	239.28
13	2.737	20.55	679.34	248.22	1.368	52.18	267.51	195.49	5.474	192.67	144.9	26.47	2.737	20.8	671.05	245.19
14	3.111	17.72	848.53	272.74	1.566	52.84	284.47	182.87	6.222	207.48	144.9	23.29	3.111	18.13	829.15	266.51
15	3.529	15.9	1013.13	287.05	1.765	56.61	284.5	161.22	7.059	222.3	144.91	20.53	3.529	16.37	983.98	278.79
16	4	20.25	848.58	212.14	2	59.29	289.78	144.89	8	241.5	142.28	17.78	4	20.54	836.48	209.12
17	4.533	18.73	974.62	214.99	2.267	64.16	284.52	125.52	9.067	256.59	142.28	15.69	4.533	18.99	961.44	212.08
18	5.143	17.8	1085.73	211.11	2.571	67.93	284.53	110.65	10.286	266.74	144.92	14.09	5.143	18.16	1064.15	206.92
19	5.846	15.92	1281.63	219.23	2.923	71.7	284.54	97.34	11.692	286.76	142.29	12.17	5.846	16.35	1247.85	213.45
20	6.667	14.93	1437.98	215.7	3.333	75.47	284.54	85.36	13.333	301.85	142.29	10.67	6.667	15.48	1387.56	208.13
21	7.636	13.04	1729.24	226.45	3.818	79.24	284.55	74.52	15.273	316.94	142.29	9.32	7.636	13.44	1677.86	219.72
22	8.8	12.91	1829.98	207.95	4.4	81.72	289.06	65.7	17.6	332.03	142.29	8.08	8.8	13.53	1745.64	198.37
23	10.222	10.86	2274.35	222.49	5.111	85.21	289.82	56.7	20.444	347.12	142.29	6.96	10.222	11.33	2179.4	213.2
24	12	10.39	2480.67	206.72	6	90.56	284.56	47.43	24	362.87	142.03	5.92	12	10.77	2393.78	199.48
25	14.286	8.29	3239.28	226.75	7.143	94.49	284.08	39.77	28.571	370.44	144.93	5.07	14.286	10.99	2442.21	170.95
26	17.333	7.83	3564.75	205.66	8.667	101.41	275.29	31.76	34.667	394.57	141.51	4.08	17.333	12.3	2269.64	130.94
27	21.6	5.72	5068.7	234.66	10.8	103.13	281.1	26.03	43.2	402.34	144.11	3.34	21.6	10.18	2849.2	131.91
28	28	5.3	5673.93	202.64	14	105.77	284.26	20.3	56	422.57	142.29	2.54	28	11.45	2626.6	93.81
29	38.667	3.74	8322.03	215.22	19.333	107.83	288.78	14.94	77.333	429.69	144.93	1.87	38.667	10.85	2869.39	74.21
30	60	3.82	8434.29	140.57	30	113.32	284.26	9.48	120	452.74	142.3	1.19	60	12.24	2631.75	43.86
31	124	3.79	8771.88	70.74	62	117.02	284.44	4.59	248	467.93	142.27	0.57	124	11.35	2932.21	23.65
32	inf	3.91	8788.77	0	inf	118.85	289.11	0	inf	483.02	142.27	0	inf	12.38	2776.31	0