

parameters	without optimization	with optimization - O0	with optimization -O3
sim_ticks	7512183500	7696961000	5499136500
sim_insts	156917	160925	115353
system.cpu.numCycles	15024367	15393922	10998273
system.cpu.num_int_alu_accesses	155223	158431	111899
system.cpu.num_fp_alu_accesses	907	907	907
system.cpu.num_func_calls	3579	3579	3579
system.cpu.num_conditional_control_insts	11759	12560	12416
system.cpu.num_int_insts	155223	158431	111899
system.cpu.num_fp_insts	907	907	907
system.cpu.num_int_register_reads	220492	224507	155137
system.cpu.num_int_register_writes	124647	126254	82346
system.cpu.num_fp_register_reads	905	905	905
system.cpu.num_fp_register_writes	2	2	2
system.cpu.num_mem_refs	57457	59858	40161
system.cpu.num_load_insts	40547	42148	24931
system.cpu.num_store_insts	16910	17710	15230
system.cpu.num_idle_cycles	0	0	0
system.cpu.num_busy_cycles	15024367	15393922	10998273