

Benchmark models with JuMP and OptimalControl (Total Time only) max iter = 1000, tol = 1.0e-8, constr viol tol = 1.0e-6, solver = ma57			
Model	Discretization	Total Time JuMP	Total Time OC
ducted_fan	100	0.57	0.61
ducted_fan	400	9.44	7.36
ducted_fan	500	14.91	30.63
ducted_fan	1000	137.54	772.08
rocket	100	0.06	0.19
rocket	400	0.49	2.39
rocket	500	1.01	12.94
rocket	1000	0.34	105.75
dielectrophoretic_particle	100	0.66	2.35
dielectrophoretic_particle	400	0.11	7.31
dielectrophoretic_particle	500	2.95	0.47
dielectrophoretic_particle	1000	0.32	69.02
electrical_vehicle	100	0.01	0.08
electrical_vehicle	400	0.01	0.69
electrical_vehicle	500	0.04	14.47
electrical_vehicle	1000	0.08	67.36