

Name	n, m	n, m_{eq} , m_{ineq}	Origin	f_{kona}	f_{snopt}	f^*
AUG2D	24, 9	24, 9, 18	2-D Laplace's Equation	0.124999	0.1250	N/A
AUG2D	220, 100	220, 100, 200		110.7987	110.7991	N/A
AUG2DC	24, 9	24, 9, 18		2.973213	2.973214	N/A
AUG2DC	220, 100	220, 100, 200		184.2388	184.2394	N/A
AUG3D	156, 27	156, 27, 54	3-D Laplace's Equation	0.08333	0.083333	N/A
AUG3DC	156, 27	156, 27, 54		35.84226	35.84276	N/A
AVGASA	8, 10	8, 0, 26	LP problem av-gas	-4.63092	-4.79278	N/A
AVGASB	8, 10	8, 0, 26	LP problem av-gas	-4.482206	-4.6663506	N/A
ALLINQP	10, 5	10, 1, 21	A banded QP with constraint and bounds	0.3466666	-0.1832558	N/A
BLOCKQP2	25, 11	25, 10, 71	non-convex quadratic	-6.201652	-2.507e+14	-6.2017
BLOCKQP3	25, 11	25, 10, 71		2.330508	2.330508	-2.4987e-1
BLOCKQP4	25, 11	25, 10, 71		-2.9289276	-5.731e+14	-2.4987e-1
BDRY2	25, 18	25, 18, 86	AMPL models	0.5449324	0.5481104	N/A
BIGGSC4	4, 7	4, 0, 21	A test quadratic	-24.4999	-24.375	-24.5
CVXQP1	10, 5	10, 5, 30	convex quadratic	181.04005	165.87382	N/A
DEGENQP	10, 1005	10,5,2030	degenerate convex quadratic	8.8028e-06	-5.5511e-17	N/A
DTOC3	29, 18	29,18,40	discrete time optimal control problem	224.59038	8.20189	224.59038
GENHS28	10, 8	10, 8, 16	W. Hock and K. Schittkowski	0.9271735	0.9271736	0.0
GMNCASE1		175, 0, 300	quadratically optimized control	0.267087	0.266973	2.66733D-01
GMNCASE4	175, 350	175, 0, 350	quadratically optimized control	5.62732e3	5.94688e3	5.94685D+03
HS268	5,5	5, 0, 5	K. Schittkowski	0.0002089	-3.63797e-12	N/A
HS21	2,1	2,0,5	W.Hock and K. Schittkowski	-99.343411	-99.990000	-99.96
HS35	3,1	3,0,4		0.11111111	0.11111111	0.11111111
HS35I	3,1	3,0,7		0.11111111	0.11111111	0.11111111
HS44	4,6	4,0,10		-13.000	-4.0122e+14	-13.0
HS44NEW	4,6	4,0,10		-13	-3.2048e+14	-13.0
HS51	5,3	5,3,6		4.46e-19	5.86E-14	0.0
HS52	5,3	5,3,6		5.326634	5.326647	5.326643
HS53	5,3	5,3,16		4.0930232	4.0930232	4.0930231
HS118	15,17	15,0,59		664.82046	-1748.63759	664.82045
HS268	5,5	5,0,5		0.0003839	-3E-12	N/A
HATFLDH	4, 7	4, 0, 21		-24.5002	-24.375	24.5
LOTSCHD	12,7	12, 7, 262	economic lot scheduling	44.2890	165.6553	N/A
MOSARQP1	36, 10	36, 0, 46	convex quadratic	-24.143647	-52.049169	-24.13768
MOSARQP2	36, 10	36, 0, 46		-35.69815	-55.162343	-35.6981
POWELL20	10,10	10,0,10	degenerate convex	57.8125	57.8125	N/A
RDW2D52F	18,1	18,1,36	optimal control problem	0.0530156	0.020779	N/A