1

 $\varepsilon LDE\phi_1$

Problem	C01	C02	$\frac{\varepsilon LDE}{\mathbf{C03}}$	C04	C05	C06	C07
Best	0	0	0	0	0	0	-458.76
Median	0	0	0	15.9192	0	0	-366.383
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	0	0	0	13.1605	0	0	-293.528
Worst	0	0	0	19.3731	0	0	-130.124
STD	0	0	0	6.62699	0	0	171.082
SR	100	100	100	100	100	100	68
vio	0	0	0	0	0	0	3.08214
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.001348	18.3931	-0.00051	-498.225	3.9879	0	0
Median	-0.001348	0.019008	-0.00051	-895.025	4.04059	0	0
c	[0,0,0]	[0,1,0]	[0,0,0]	[2,0,0]	[0,0,0]	[0,0,0]	[1,1,0]
v	0	0.185545	0	14469.2	0	0	2.5
Mean	-0.001348	5.21691	-0.00051	-872.392	5.82403	0.159463	0
Worst	-0.001348	0.58201	-0.00051	-893.826	22.7853	3.98658	0
STD	6.50521e-19	6.45439	0	78.8571	4.63817	0.781207	0
SR	100	0	100	0	100	100	0
vio	0	0.185555	0	15149.5	0	0	2.5
Problem	C15	C16	C17	C18	C19	C20	C21
Best	0	0	0.009865	36.5997	0	0.80449	3.98797
Best Median	0	0	0.009865 0.009865	36.5997 36.6033	0	0.80449 1.12767	3.98797 9.27659
Median	0	0	0.009865	36.6033 [0,0,0] 0	0	1.12767 [0,0,0] 0	9.27659 [0,0,0] 0
Median c	0 [0,1,0]	0 [0,0,0]	0.009865 [1,1,0]	36.6033 [0,0,0]	0 [1,0,0]	1.12767 [0,0,0]	9.27659 [0,0,0]
Median c v	0 [0,1,0] 0.5	0 [0,0,0] 0	0.009865 [1,1,0] 4.78052	36.6033 [0,0,0] 0	0 [1,0,0] 4422.4	1.12767 [0,0,0] 0	9.27659 [0,0,0] 0
Median c v Mean Worst STD	0 [0,1,0] 0.5 0 0	0 [0,0,0] 0 0 0	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963	0 [1,0,0] 4422.4 0	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052	9.27659 [0,0,0] 0 25.738 64.6196 34.3342
Median c v Mean Worst STD SR	0 [0,1,0] 0.5 0 0 0	0 [0,0,0] 0 0 0 0 100	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60	0 [1,0,0] 4422.4 0 0 0	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80
Median c v Mean Worst STD SR vio	0 [0,1,0] 0.5 0 0 0 0 0.5	0 [0,0,0] 0 0 0 0 100	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737	0 [1,0,0] 4422.4 0 0 0 0 4422.4	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064
Median c v Mean Worst STD SR vio	0 [0,1,0] 0.5 0 0 0 0 0.5	0 [0,0,0] 0 0 0 100 0	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737	0 [1,0,0] 4422.4 0 0 0 0 4422.4	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064
Median c v Mean Worst STD SR vio Problem Best	0 [0,1,0] 0.5 0 0 0 0 0.5 C22	0 [0,0,0] 0 0 0 0 100 0 C23	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25	0 [1,0,0] 4422.4 0 0 0 0 4422.4 C26	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28
Median c v Mean Worst STD SR vio	0 [0,1,0] 0.5 0 0 0 0.5 C22	0 [0,0,0] 0 0 0 100 0 C23	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25	0 [1,0,0] 4422.4 0 0 0 0 4422.4 C26 0.009865 1.02971	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28
Median c v Mean Worst STD SR vio Problem Best	0 [0,1,0] 0.5 0 0 0 0 0.5 C22	0 [0,0,0] 0 0 0 100 0 C23 0 0 [1,1,0]	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24 0 0 [0,1,0]	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25	0 [1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 1.02971 [2,0,0]	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985 [1,0,0]	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28 0 0 [1,0,0]
Median c v Mean Worst STD SR vio Problem Best Median c v	0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0	0 [0,0,0] 0 0 0 100 0 C23 0 [1,1,0] 2.5	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25 0 0 [0,0,0] 0	0 [1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 1.02971 [2,0,0] 46.471	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985 [1,0,0] 572.297	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28 0 0 [1,0,0] 4422.4
Median c v Mean Worst STD SR vio Problem Best Median c	0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0	0 [0,0,0] 0 0 0 100 0 C23 0 [1,1,0] 2.5 0	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24 0 0 [0,1,0] 0.5 0	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25 0 0 [0,0,0] 0	0 [1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 1.02971 [2,0,0]	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985 [1,0,0]	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28 0 [1,0,0] 4422.4 0
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0	0 [0,0,0] 0 0 0 100 0 C23 0 [1,1,0] 2.5	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24 0 0 [0,1,0] 0.5	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25 0 0 [0,0,0] 0 0	0 [1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 1.02971 [2,0,0] 46.471	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985 [1,0,0] 572.297	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28 0 [1,0,0] 4422.4 0 0
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	0 [0,1,0] 0.5 0 0 0 0.5 C22 0 0 [0,0,0] 0 0	0 [0,0,0] 0 0 0 100 0 C23 0 [1,1,0] 2.5 0 0	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24 0 0 [0,1,0] 0.5 0 0	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25 0 0 [0,0,0] 0 0	0 [1,0,0] 4422.4 0 0 0 0 4422.4 C26 0.009865 1.02971 [2,0,0] 46.471 0.785519 1.18484 0.473714	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985 [1,0,0] 572.297 70.2279 17.4468 45.4938	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28 0 [1,0,0] 4422.4 0
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0	0 [0,0,0] 0 0 0 100 0 C23 0 [1,1,0] 2.5 0	0.009865 [1,1,0] 4.78052 0.176356 0.109603 0.442522 0 8.86801 C24 0 0 [0,1,0] 0.5 0	36.6033 [0,0,0] 0 39.0846 45.4678 11.4963 60 8.61737 C25 0 0 [0,0,0] 0 0	0 [1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 1.02971 [2,0,0] 46.471 0.785519 1.18484	1.12767 [0,0,0] 0 1.11129 1.34607 0.146052 100 0 C27 36.6009 86.5985 [1,0,0] 572.297 70.2279 17.4468	9.27659 [0,0,0] 0 25.738 64.6196 34.3342 80 0.377064 C28 0 [1,0,0] 4422.4 0 0

 $\varepsilon LDE \ SHADE \phi_1$

Problem	C01	C02	C03	$oxed{\textbf{C04}}$	C05	C06	C07
Best	0	0	0	0	0	0	-468.443
Median	0	0	0	0	0	0	-346.279
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	0	0	0	0	0	0	-327.365
Worst	0	0	0	0	0	0	-94.4457
STD	0	0	0	0	0	0	130.425
SR	100	100	100	100	100	100	80
vio	0	0	0	0	0	0	6.34576
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.001348	0.009493	-0.00051	-415.281	3.9879	0	0
Median	-0.001348	0.053874	-0.00051	-894.665	3.9879	0	0
c	[0,0,0]	[0,1,0]	[0,0,0]	[2,0,0]	[0,0,0]	[0,0,0]	[1,1,0]
v	0	0.185545	0	15251.6	0	0	2.5
Mean	-0.001348	0.0319603	-0.00051	-858.87	4.73981	0	0
Worst	-0.001348	0.041047	-0.00051	-893.826	22.7853	0	0
STD	6.50521e-19	0.0197238	0	119.182	3.68352	0	0
SR	100	0	100	0	100	100	0
vio	0	0.185545	0	14878.3	0	0	2.5
Problem	C15	C16	C17	C18	C19	C20	C21
Best	0	0	0.009865	36.5977	0	0.176472	3.9879
Median	0	0	0.662653	36.5978	0	0.393682	3.9879
c	[0,1,0]	[0,0,0]	[2,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0.5	0	9	0	4422.4	0	0
Mean	0	0	0.581493	36.5984	0	0.373562	6.01359
Worst	0	0	0.868709	36.6007	0	0.583084	22.7853
STD	0	0	0.199679	0.000877171	0	0.134459	4.85298
SR	0	100	0	100	0	100	100
vio	0.5	0	8.74244	0	4422.4	0	0
Problem	C22	C23	C24	C25	C26	C27	C28
Best	0	0	0	0	0.009865	36.5977	0
Median	0	0	0	0	0.012316	36.5977	0
c	[0,0,0]	[1,1,0]	[0,1,0]	[0,0,0]	[2,0,0]	[0,0,0]	[1,0,0]
v	0	2.5	0.5	0	10.0904	0	4422.4
Mean	0	0	0	0	0.125361	36.5977	6.50333
Worst	0	0	0	0	0.173501	36.598	14.695
STD	0	0	0	0	0.171284	6.1604e-05	8.39981
SR	100	0	0	100	0	100	0
vio	0	2.5	0.5	0	8.58317	0	4424.8

 $\varepsilon LDE\ EDM\phi_1$

Problem	C01	C02	C03	$rac{EDM\phi_1}{\mathbf{C04}}$	C05	C06	C07
Best	0	0	12822.6	13.5772	0.037284	117.041	-448.535
Median	0	0	52852.3	13.7218	2.90325	1045.35	-448.535 -341.837
1	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]		[0,6,0]	[0,0,0]
c	0	0	0	[0,0,0]	[0,0,0]	0.101659	0
v Mean	3.84e-06	6.124e-05	62267.6	13.8667	0	830.569	-305.402
Worst	3.84e-06 3.5e-05	0.001482	23213.4	15.3068	2.71927	3352.02	-303.402 -249.542
STD	9.15502e-06	0.001482	68050.6	0.359981	5.06171	649.19	102.05
1					1.63016	28	
SR	100	100	56	100	100 0	0.0987047	88 3.34428e-05
vio		0	0.000309862	0			
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.000854	0.029643	-0.000398	-0.168767	3.9879	0	3.21779
Median	0.008069	0.418954	2.9e-05	4.08229	3.98792	0.030644	3.627
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,1]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	6.4263e-05	0	0	0
Mean	0.0136779	1.48632	0.000343	-70.8907	4.0716	0.593185	3.60977
Worst	0.063027	6.78712	0.003153	-614.166	4.60161	3.98933	4.05005
STD	0.0160213	1.88672	0.000798455	191.147	0.169466	1.29547	0.162094
SR	68	100	100	8	100	100	100
vio	0.000157426	0	0	89.1977	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
TTODICIII	CIC	010	CIT	010		0_0	021
Best	14.9225	39.2698	0.009865	36.5982	1e-06	0.03176	3.9879
Best	14.9225	39.2698	0.009865	36.5982	1e-06	0.03176	3.9879
Best Median	14.9225 21.2056	39.2698 69.1149	0.009865 0.009865	36.5982 937	1e-06 0.006729	0.03176 0.10831	3.9879 3.98792
Best Median c	14.9225 21.2056 [0,0,1]	39.2698 69.1149 [0,0,0]	0.009865 0.009865 [1,1,0]	36.5982 937 [0,0,0]	1e-06 0.006729 [1,0,0]	0.03176 0.10831 [0,0,0]	3.9879 3.98792 [0,0,0]
Best Median c	14.9225 21.2056 [0,0,1] 8.6142e-05	39.2698 69.1149 [0,0,0] 0	0.009865 0.009865 [1,1,0] 4.78052	36.5982 937 [0,0,0] 0	1e-06 0.006729 [1,0,0] 4422.4	0.03176 0.10831 [0,0,0] 0	3.9879 3.98792 [0,0,0] 0
Best Median c v Mean	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589	39.2698 69.1149 [0,0,0] 0 63.2089	0.009865 0.009865 [1,1,0] 4.78052 0.02729	36.5982 937 [0,0,0] 0 123.184	1e-06 0.006729 [1,0,0] 4422.4 0.0025518	0.03176 0.10831 [0,0,0] 0 0.126538	3.9879 3.98792 [0,0,0] 0 4.2173
Best Median c v Mean Worst	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100
Best Median c v Mean Worst STD	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0
Best Median c v Mean Worst STD SR	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100
Best Median c v Mean Worst STD SR vio	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0
Best Median c v Mean Worst STD SR vio	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0
Best Median c v Mean Worst STD SR vio Problem Best	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925 C22 0.001111 0.191348 [0,0,0]	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929 C24 8.63931 14.9225 [0,0,0]	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4 C26	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979 36.5979 36.5933 [0,0,1]	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0 C28 6.4e-05 0.001486 [1,0,0]
Best Median c v Mean Worst STD SR vio Problem Best Median	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925 C22 0.001111 0.191348	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23 2.94485 3.5109 [0,0,0] 0	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929 C24 8.63931 14.9225	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27 64.4025	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4 C26 0.009865 0.42101	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979 36.5933	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0 C28 6.4e-05 0.001486
Best Median c v Mean Worst STD SR vio Problem Best Median c	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925 C22 0.001111 0.191348 [0,0,0]	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23 2.94485 3.5109 [0,0,0]	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929 C24 8.63931 14.9225 [0,0,0]	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27 64.4025 [0,0,0]	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4 C26 0.009865 0.42101 [2,0,0]	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979 36.5979 36.5933 [0,0,1]	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0 C28 6.4e-05 0.001486 [1,0,0]
Best Median c v Mean Worst STD SR vio Problem Best Median c v	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925 C22 0.001111 0.191348 [0,0,0] 0	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23 2.94485 3.5109 [0,0,0] 0	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929 C24 8.63931 14.9225 [0,0,0] 0	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27 64.4025 [0,0,0] 0	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4 C26 0.009865 0.42101 [2,0,0] 6.08681	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979 36.5933 [0,0,1] 0.00015198	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0 C28 6.4e-05 0.001486 [1,0,0] 4422.4
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925 C22 0.001111 0.191348 [0,0,0] 0 6.39499	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23 2.94485 3.5109 [0,0,0] 0 3.47062	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929 C24 8.63931 14.9225 [0,0,0] 0 14.0429	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27 64.4025 [0,0,0] 0 60.2557	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4 C26 0.009865 0.42101 [2,0,0] 6.08681 0.230951	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979 36.5933 [0,0,1] 0.00015198 103.692	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0 C28 6.4e-05 0.001486 [1,0,0] 4422.4 0.00016556
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	14.9225 21.2056 [0,0,1] 8.6142e-05 17.0589 18.0671 2.46886 36 0.000220925 C22 0.001111 0.191348 [0,0,0] 0 6.39499 62.5457	39.2698 69.1149 [0,0,0] 0 63.2089 75.3984 9.46952 84 1.11144e-05 C23 2.94485 3.5109 [0,0,0] 0 3.47062 3.89954	0.009865 0.009865 [1,1,0] 4.78052 0.02729 0.445489 0.0853645 0 4.94929 C24 8.63931 14.9225 [0,0,0] 0 14.0429 21.2057	36.5982 937 [0,0,0] 0 123.184 27.734 236.564 52 0.00814945 C25 39.27 64.4025 [0,0,0] 0 60.2557 51.8365	1e-06 0.006729 [1,0,0] 4422.4 0.0025518 0.001556 0.00677231 0 4422.4 C26 0.009865 0.42101 [2,0,0] 6.08681 0.230951 0.007396	0.03176 0.10831 [0,0,0] 0 0.126538 0.295767 0.0742091 100 0 C27 36.5979 36.5933 [0,0,1] 0.00015198 103.692 112.757	3.9879 3.98792 [0,0,0] 0 4.2173 7.88918 0.830989 100 0 C28 6.4e-05 0.001486 [1,0,0] 4422.4 0.00016556 3.1e-05

 $\varepsilon LDE\ EDM_{v2}\phi_1$

Problem	C01	C02	C03	C04	C05	C06	C07
Best	0	0	0	13.5728	0	0	-473.65
Median	0	0	0	13.5728	0	3e-06	-439.945
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	3.2e-07	2.4e-07	63.0975	13.583	0	3.04e-06	-437.98
Worst	1e-06	1e-06	1577.44	13.8273	0	8e-06	-402.836
STD	4.66476e-07	4.27083e-07	309.113	0.0498832	0	1.98957e-06	17.2549
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.000945	3.91752	-0.000374	-10.6911	3.98997	1e-06	2.38005
Median	-0.000798	0.032445	-3.6e-05	-293.527	3.99151	3e-06	2.46569
c	[0,0,0]	[0,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0.185545	0	1963.96	0	0	0
Mean	-0.00076848	1.253	-6.404e-05	-387.188	3.99261	2.96e-06	2.56307
Worst	-0.000566	0.289347	0.000124	-811.858	3.9961	5e-06	4.1464
STD	0.000107516	3.21055	0.000113062	241.16	0.00185469	1.03846e-06	0.374176
SR	100	0	100	0	100	100	96
vio	0	0.185951	0	2100.98	0	0	0.324124
Problem	C15	C16	C17	C18	C19	C20	C21
Problem Best	C15 2.35612	C16 1.57066	C17 0.009865	C18 36.6314	C19 0.001935	C20 0.031266	C21 3.98837
Best	2.35612	1.57066	0.009865	36.6314	0.001935	0.031266	3.98837
Best Median	2.35612 18.0641 [0,0,0] 0	1.57066 1.57066 [0,0,0] 0	0.009865 0.009865	36.6314 36.6906 [0,0,0] 0	0.001935 0.001633	0.031266 0.205676 [0,0,0] 0	3.98837 3.98865 [0,0,0] 0
Best Median c	2.35612 18.0641 [0,0,0]	1.57066 1.57066 [0,0,0]	0.009865 0.009865 [1,1,0]	36.6314 36.6906 [0,0,0]	0.001935 0.001633 [1,0,0]	0.031266 0.205676 [0,0,0]	3.98837 3.98865 [0,0,0]
Best Median c	2.35612 18.0641 [0,0,0] 0	1.57066 1.57066 [0,0,0] 0	0.009865 0.009865 [1,1,0] 4.78053	36.6314 36.6906 [0,0,0] 0	0.001935 0.001633 [1,0,0] 4422.4	0.031266 0.205676 [0,0,0] 0	3.98837 3.98865 [0,0,0] 0
Best Median c v Mean Worst STD	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06	0.009865 0.009865 [1,1,0] 4.78053 0.0433109	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246	0.001935 0.001633 [1,0,0] 4422.4 0.00866264	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131
Best Median c v Mean Worst STD SR	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100
Best Median c v Mean Worst STD SR vio	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0
Best Median c v Mean Worst STD SR	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100
Best Median c v Mean Worst STD SR vio	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0
Best Median c v Mean Worst STD SR vio	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0
Best Median c v Mean Worst STD SR vio Problem Best	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245 C22 8e-06	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0 C23 2.40492 2.79794 [0,0,0]	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688 C24 2.35612 2.35616 [0,0,0]	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0 C25 1.57066 [0,0,0]	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26 0.009857 0.301396 [2,0,0]	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0 C27 37.0389 37.6115 [0,0,0]	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0 C28 0.078395 0.077659 [1,0,0]
Best Median c v Mean Worst STD SR vio Problem Best Median	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245 C22 8e-06 2.4e-05 [0,0,0] 0	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0 C23 2.40492 2.79794 [0,0,0] 0	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688 C24 2.35612 2.35616 [0,0,0] 0	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0 C25 1.57066 [0,0,0] 0	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26 0.009857 0.301396 [2,0,0] 11	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0 C27 37.0389 37.6115 [0,0,0] 0	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0 C28 0.0778395 0.077659 [1,0,0] 4422.4
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245 C22 8e-06 2.4e-05 [0,0,0] 0 2.784e-05	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0 C23 2.40492 2.79794 [0,0,0] 0 2.82292	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688 C24 2.35612 2.35616 [0,0,0] 0 5.49772	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0 C25 1.57066 [0,0,0] 0 1.57066	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26 0.009857 0.301396 [2,0,0] 11 0.358196	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0 C27 37.0389 37.6115 [0,0,0] 0 37.8984	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0 C28 0.078395 0.077659 [1,0,0] 4422.4 1.36667
Best Median c v Mean Worst STD SR vio Problem Best Median c v	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245 C22 8e-06 2.4e-05 [0,0,0] 0	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0 C23 2.40492 2.79794 [0,0,0] 0 2.82292 3.14116	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688 C24 2.35612 2.35616 [0,0,0] 0 5.49772 14.9225	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0 C25 1.57066 [0,0,0] 0	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26 0.009857 0.301396 [2,0,0] 11 0.358196 0.925482	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0 C27 37.0389 37.6115 [0,0,0] 0	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0 C28 0.0778395 0.077659 [1,0,0] 4422.4
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245 C22 8e-06 2.4e-05 [0,0,0] 0 2.784e-05 6.1e-05 1.45373e-05	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0 C23 2.40492 2.79794 [0,0,0] 0 2.82292 3.14116 0.188396	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688 C24 2.35612 2.35616 [0,0,0] 0 5.49772 14.9225 3.87321	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0 C25 1.57066 1.57066 [0,0,0] 0 1.57066 1.57067 1.9653e-06	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26 0.009857 0.301396 [2,0,0] 11 0.358196 0.925482 0.317576	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0 C27 37.0389 37.6115 [0,0,0] 0 37.8984 39.9408 0.743676	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0 C28 0.078395 0.077659 [1,0,0] 4422.4 1.36667 14.6742 4.35561
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	2.35612 18.0641 [0,0,0] 0 8.89058 21.2026 7.04806 52 0.000196245 C22 8e-06 2.4e-05 [0,0,0] 0 2.784e-05 6.1e-05	1.57066 1.57066 [0,0,0] 0 1.57066 1.57066 2.3644e-06 100 0 C23 2.40492 2.79794 [0,0,0] 0 2.82292 3.14116	0.009865 0.009865 [1,1,0] 4.78053 0.0433109 0.007396 0.164355 0 5.18688 C24 2.35612 2.35616 [0,0,0] 0 5.49772 14.9225	36.6314 36.6906 [0,0,0] 0 36.7141 37.3048 0.124246 100 0 C25 1.57066 1.57066 [0,0,0] 0 1.57066 1.57066	0.001935 0.001633 [1,0,0] 4422.4 0.00866264 0.143302 0.027513 0 4422.4 C26 0.009857 0.301396 [2,0,0] 11 0.358196 0.925482	0.031266 0.205676 [0,0,0] 0 0.183758 0.360148 0.0775433 100 0 C27 37.0389 37.6115 [0,0,0] 0 37.8984 39.9408	3.98837 3.98865 [0,0,0] 0 3.98868 3.98915 0.00020131 100 0 C28 0.078395 0.077659 [1,0,0] 4422.4 1.36667 14.6742

 $\varepsilon LDE\ EDM_{C3}\phi_1$

Problem	C01	C02	$\frac{\varepsilon LDE \ E}{\mathbf{C03}}$	$oxed{C04}$	C05	C06	C07
Best	0	0	0	13.5728	0	0	-465.26
Median	0	0	0	13.5728	0	0	-403.20 -441.76
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	0	0	10.525	13.6677	0	4.4e-07	-406.924
Worst	0	0	263.126	15.9449	0	1e-06	-136.339
STD	0	0	51.5619	0.464846	0	4.96387e-07	81.5979
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
	_						
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.001215	0.021527	-0.000388	-722.784	3.98797	0	2.39028
Median	-0.001056	0.09736	-0.000318	-854.661	3.98994	0	2.62883
С	[0,0,0]	[0,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0.185545	0	7030.6	0	0	0
Mean	-0.00105112	0.0624574	-0.00030356	-818.171	3.99009	2.8e-07	3.28143
Worst	-0.000815	0.067917	-0.000175	-857.145	3.99329	1e-06	10.314
STD	8.29445e-05	0.0563254	5.02681e-05	53.147	0.00116348	4.48999e-07	1.92856
SR	100	0	100	0	100	100	76
vio	0	0.186081	0	6808.32	0	0	8.33903
Problem	C15	C16	C17	C18	C19	C20	C21
Best	2.35612	0	0.009992	36.615	0.004128	0.053589	3.98809
Median	8.63937	1.57066	0.009865	36.6372	0.003033	0.19529	3.98833
c	[0,0,0]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0	0	4.78052	0	4422.4	0	0
Mean	9.51851	0.816742	0.0884511	36.6373	0.00745764	0.210797	4.7402
Worst	21.195	1.57066	1.97439	36.6639	0.003726	0.427996	22.7855
STD	6.18859	0.7847	0.384966	0.0105182	0.0169146	0.107062	3.68348
SR	68	100	0	100	0	100	100
vio	0.000418276	0	4.95445	0	4422.4	0	0
Problem	C22	C23	C24	C25	C26	C27	C28
Best	1e-06	2.39494	2.35612	1.57066	0.009865	36.6235	0.065399
Median	3e-06	2.5333	2.35612	1.57066	0.422222	37.3776	0.068445
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[2,0,0]	[0,0,0]	[1,0,0]
v	0	0	0	0	11	0	4422.4
1							
Mean	2.96e-06	2.58028	3.14153	1.57066	0.54548	38.2545	4.34377
Mean Worst				1.57066 1.57066			4.34377 10.9151
Worst STD	2.96e-06	2.58028	3.14153 0.000234 1.9869	1.57066	0.54548	38.2545	
Worst	2.96e-06 6e-06	2.58028 3.0247	3.14153 0.000234	1.57066 1.57066	0.54548 0.868694	38.2545 45.0261	10.9151

Polinomial

 $\varepsilon LDE\phi_1$

Problem	C01	C02	$\frac{\varepsilon LD}{ extbf{C03}}$	C04	C05	C06	C07
Best	0	0	0	15.9192	0	0	-439.545
Median	0	0	0	16.9142	0	0	-346.275
С	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	0	0	0	27.91	0	10.7323	-286.576
Worst	0	0	0	0	0	149.205	-119.891
STD	0	0	0	59.8772	0	36.6432	138.664
SR	100	100	100	68	100	96	72
vio	0	0	0	1.68092e-24	0	0.000461487	7.1583
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.001346	-0.004975	-0.000507	-0.156728	3.9879	0	2.37633
Median	-0.001342	-0.004975	-0.000505	-0.137587	3.98841	0	2.37747
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	-0.00134064	-0.004975	-0.00050428	-0.135245	6.72133	0	2.72429
Worst	-0.001327	-0.004975	-0.000498	-0.089664	23.4478	0	3.78748
STD	4.48e-06	3.46945e-18	2.64605e-06	0.0174058	6.438	0	0.47146
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
VIO	· ·		_		_		
Problem	C15	C16	C17	C18	C19	C20	C21
						C20 0.446225	C21 3.9879
Problem	C15	C16	C17	C18	C19		
Problem Best	C15	C16	C17 0.009865	C18 36.599	C19	0.446225	3.9879
Problem Best Median	C15 0 0	C16 0 0	C17 0.009865 0.420675	C18 36.599 36.6051	C19 0 0	0.446225 0.829565	3.9879 3.98931
Problem Best Median c	C15 0 0 [0,1,0]	0 0 0 [0,0,0]	C17 0.009865 0.420675 [2,0,0]	C18 36.599 36.6051 [0,0,0]	C19 0 0 [1,0,0]	0.446225 0.829565 [0,0,0]	3.9879 3.98931 [0,0,0]
Problem Best Median c v Mean Worst	0 0 0 [0,1,0] 0.5 0	0 0 0 [0,0,0] 0 0	C17 0.009865 0.420675 [2,0,0] 6.0649	36.599 36.6051 [0,0,0] 0	0 0 [1,0,0] 4422.4 0	0.446225 0.829565 [0,0,0] 0	3.9879 3.98931 [0,0,0] 0
Problem Best Median c v Mean Worst STD	0 0 [0,1,0] 0.5 0 0	0 0 [0,0,0] 0 0 0	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587	36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353	0 0 [1,0,0] 4422.4 0	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198
Best Median c v Mean Worst STD SR	0 0 [0,1,0] 0.5 0 0	0 0 [0,0,0] 0 0 0 0 0	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100	0 0 [1,0,0] 4422.4 0 0 0	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544
Problem Best Median c v Mean Worst STD SR vio	0 0 0 [0,1,0] 0.5 0 0 0 0.5	0 0 0 [0,0,0] 0 0 0 0 100	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505	36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0	0 0 0 [1,0,0] 4422.4 0 0 0 0 4422.4	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0
Best Median c v Mean Worst STD SR	0 0 [0,1,0] 0.5 0 0	C16 0 0 [0,0,0] 0 0 0 0 100 0 C23	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100	0 0 [1,0,0] 4422.4 0 0 0 0 4422.4	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100
Problem Best Median c v Mean Worst STD SR vio	C15 0 0 [0,1,0] 0.5 0 0 0 0 C22	0 0 0 [0,0,0] 0 0 0 0 100	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25	0 0 0 [1,0,0] 4422.4 0 0 0 0 4422.4	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0
Problem Best Median c v Mean Worst STD SR vio Problem	C15 0 0 [0,1,0] 0.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C16 0 0 [0,0,0] 0 0 0 0 100 0 C23	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25	0 0 [1,0,0] 4422.4 0 0 0 0 4422.4	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06
Problem Best Median c v Mean Worst STD SR vio Problem Best	C15 0 0 [0,1,0] 0.5 0 0 0 0 C22	C16 0 0 [0,0,0] 0 0 0 0 100 0 C23 2.66567 3.50309 [0,0,0]	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 0 [0,1,0]	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25	0 0 1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 0.420675 [2,0,0]	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072 [0,0,0]	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06 [1,0,0]
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v	C15 0 0 0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0	C16 0 0 0 [0,0,0] 0 0 0 100 0 C23 2.66567 3.50309 [0,0,0] 0	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 [0,1,0] 0.5	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25 0 [0,0,0] 0	0 0 1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 0.420675 [2,0,0] 6.0651	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072 [0,0,0] 0	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06 [1,0,0] 4422.4
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean	C15 0 0 0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0 0	C16 0 0 0 [0,0,0] 0 0 0 100 0 C23 2.66567 3.50309 [0,0,0] 0 3.46315	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 [0,1,0] 0.5 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25 0 [0,0,0] 0 0	0 0 1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 0.420675 [2,0,0] 6.0651 0.221546	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072 [0,0,0] 0 36.6071	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06 [1,0,0] 4422.4 1.36e-06
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	C15 0 0 0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0 0 0	C16 0 0 0 [0,0,0] 0 0 0 100 0 C23 2.66567 3.50309 [0,0,0] 0 3.46315 3.95544	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 [0,1,0] 0.5 0 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25 0 [0,0,0] 0 0 0	0 0 1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 0.420675 [2,0,0] 6.0651 0.221546 0.601986	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072 [0,0,0] 0 36.6071 36.6242	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06 [1,0,0] 4422.4 1.36e-06 1e-06
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	C15 0 0 0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0 0 0 0	C16 0 0 [0,0,0] 0 0 0 0 100 0 C23 2.66567 3.50309 [0,0,0] 0 3.46315 3.95544 0.322365	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 0 [0,1,0] 0.5 0 0 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25 0 [0,0,0] 0 0 0 0	0 0 1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 0.420675 [2,0,0] 6.0651 0.221546 0.601986 0.2509	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072 [0,0,0] 0 36.6071 36.6242 0.00461709	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06 [1,0,0] 4422.4 1.36e-06 1e-06 6.2482e-07
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	C15 0 0 0 [0,1,0] 0.5 0 0 0 0.5 C22 0 [0,0,0] 0 0 0	C16 0 0 0 [0,0,0] 0 0 0 100 0 C23 2.66567 3.50309 [0,0,0] 0 3.46315 3.95544	C17 0.009865 0.420675 [2,0,0] 6.0649 0.18691 0.04822 0.250587 0 7.75505 C24 0 [0,1,0] 0.5 0 0	C18 36.599 36.6051 [0,0,0] 0 36.6042 36.6102 0.00323353 100 0 C25 0 [0,0,0] 0 0 0	0 0 1,0,0] 4422.4 0 0 0 4422.4 C26 0.009865 0.420675 [2,0,0] 6.0651 0.221546 0.601986	0.446225 0.829565 [0,0,0] 0 0.838505 1.12169 0.166415 100 0 C27 36.6002 36.6072 [0,0,0] 0 36.6071 36.6242	3.9879 3.98931 [0,0,0] 0 10.3116 39.6544 9.93198 100 0 C28 1e-06 2e-06 [1,0,0] 4422.4 1.36e-06 1e-06

 $\varepsilon LDE \ SHADE \phi_1$

Problem	C01	C02	$\frac{\varepsilon LDE}{\mathbf{C03}}$	C04	C05	C06	C07
Best	0	0	0	171.546	0	0	-438.917
Median	0	0	0	0	0	0	-363.468
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	5.75113e-15	0	0	0
Mean	0	0	0	76.6651	0.159463	0	-356.643
Worst	0	0	0	0	3.98658	0	-88.955
STD	0	0	0	113.771	0.781207	0	103.026
SR	100	100	100	32	100	100	92
vio	0	0	0	2.99016e-14	0	0	3.24885
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.001333	-0.004975	-0.000508	-0.162327	3.98791	0	2.37633
Median	-0.001276	-0.004974	-0.000478	-0.081908	3.98795	0	2.37633
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	-0.001268	-0.00497364	-0.00046996	0.0240112	5.49248	0	2.37633
Worst	-0.001169	-0.004971	-0.000403	-4.08212	22.8033	0	2.37633
STD	4.18196e-05	1.41082e-06	2.48475e-05	1.61705	5.10204	0	8.88178e-16
SR	100	100	100	56	100	100	100
				1 10121 07			0
vio	0	0	0	1.10131e-05	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
		C16	_				
Problem	C15	C16	C17	C18	C19	C20	C21
Problem Best	C15 5e-06 7e-06 [1,0,0]	C16 0 2e-06 [0,0,0]	C17 0.009865 0.777114 [2,0,0]	C18 36.598 36.6014 [0,0,0]	0.000899 0.002324 [1,0,0]	C20 0.111006 0.369288 [0,0,0]	3.9879 3.98799 [0,0,0]
Problem Best Median c v	5e-06 7e-06 [1,0,0] 0.500005	0 2e-06 [0,0,0] 0	C17 0.009865 0.777114 [2,0,0] 9	36.598 36.6014 [0,0,0] 0	C19 0.000899 0.002324 [1,0,0] 4422.4	C20 0.111006 0.369288 [0,0,0] 0	3.9879 3.98799 [0,0,0] 0
Problem Best Median c v Mean	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06	0 2e-06 [0,0,0] 0 2.24e-06	C17 0.009865 0.777114 [2,0,0] 9 0.294432	36.598 36.6014 [0,0,0] 0 36.6029	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956	C20 0.111006 0.369288 [0,0,0] 0 0.346611	3.9879 3.98799 [0,0,0] 0 10.6427
Best Median c v Mean Worst	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05	0 2e-06 [0,0,0] 0 2.24e-06 1e-05	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696	C18 36.598 36.6014 [0,0,0] 0 36.6029 36.6222	0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545
Best Median c v Mean Worst STD	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521
Best Median c v Mean Worst STD SR	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100	0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0	0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100
Problem Best Median c v Mean Worst STD SR vio	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0
Best Median c v Mean Worst STD SR	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28
Problem Best Median c v Mean Worst STD SR vio Problem Best	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25	0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026
Problem Best Median c v Mean Worst STD SR vio Problem	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25 1e-06 1.6e-05	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314
Problem Best Median c v Mean Worst STD SR vio Problem Best	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22	0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595 [0,0,0]	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06 [1,0,0]	C18 36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25 1e-06 1.6e-05 [0,0,0]	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565 [2,0,0]	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603 [0,0,0]	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314 [1,0,0]
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 0 [0,0,0]	C16 0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595 [0,0,0] 0	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06 [1,0,0] 0.500005	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25 1e-06 1.6e-05 [0,0,0] 0	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565 [2,0,0] 11	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603 [0,0,0] 0	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314 [1,0,0] 4425.73
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 0 [0,0,0] 0	C16 0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595 [0,0,0] 0 2.54713	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06	36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565 [2,0,0] 11 0.281398	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603 [0,0,0] 0 37.2912	3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314 [1,0,0] 4425.73 8.03284
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 [0,0,0] 0 1.11022 23.7689	C16 0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595 [0,0,0] 0 2.54713 3.17354	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06 2e-05	C18 36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05 9.6e-05	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565 [2,0,0] 11 0.281398 0.173503	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603 [0,0,0] 0 37.2912 44.2567	C21 3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314 [1,0,0] 4425.73 8.03284 21.733
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 [0,0,0] 0 1.11022 23.7689 4.69058	C16 0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595 [0,0,0] 0 2.54713 3.17354 0.226281	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06 2e-05 4.80833e-06	C18 36.598 36.6014 [0,0,0] 0 36.6029 36.6022 0.00474756 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05 9.6e-05 3.08841e-05	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565 [2,0,0] 11 0.281398 0.173503 0.300307	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603 [0,0,0] 0 37.2912 44.2567 1.80932	C21 3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314 [1,0,0] 4425.73 8.03284 21.733 8.03351
Problem Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	5e-06 7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 [0,0,0] 0 1.11022 23.7689	C16 0 2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.37633 2.41595 [0,0,0] 0 2.54713 3.17354	C17 0.009865 0.777114 [2,0,0] 9 0.294432 0.868696 0.327207 0 7.98222 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06 2e-05	C18 36.598 36.6014 [0,0,0] 0 36.6029 36.6222 0.00474756 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05 9.6e-05	C19 0.000899 0.002324 [1,0,0] 4422.4 0.00213956 0.001402 0.00122324 0 4422.4 C26 0.009865 0.335565 [2,0,0] 11 0.281398 0.173503	C20 0.111006 0.369288 [0,0,0] 0 0.346611 0.584964 0.124402 100 0 C27 36.5981 36.603 [0,0,0] 0 37.2912 44.2567	C21 3.9879 3.98799 [0,0,0] 0 10.6427 39.6545 8.97521 100 0 C28 0.003026 10.7314 [1,0,0] 4425.73 8.03284 21.733

 $\varepsilon LDE\ EDM\phi_1$

Problem	C01	C02	C03	$egin{array}{c} EDM\phi_1 \\ egin{array}{c} \mathbf{C04} \end{array}$	C05	C06	C07
Best	0	0	2796.12	13.5728	0.221891	123.165	-337.341
Median	0	0	206595	13.5728	2.53491	154.9	-286.037
c	[0,0,0]	[0,0,0]	[0,0,1]	[0,0,0]	[0,0,0]	[0,0,5]	[0,0,2]
v	0	0	8.31445e-05	0	0	0.00013551	7.22887e-05
Mean	4.8e-07	4.4e-07	62520.6	13.5728	2.2675	910.45	-278.69
Worst	2e-06	1e-06	10818.8	13.5728	4.43188	1601.32	-209.93
STD	6.4e-07	4.96387e-07	70066.4	4.47321e-06	1.20883	623.968	59.5579
SR	100	100	36	100	100	12	48
vio	0	0	0.000222136	0	0	0.000180301	0.000128154
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.000932	-0.004943	-0.000382	-0.14484	3.98803	1.3e-05	3.10198
Median	-0.000365	0.418277	-0.000204	-3.62375	3.98824	0.000219	3.49405
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	1.94869e-05	0	0	0
Mean	-0.00037244	1.14927	-0.00019744	-1.67759	3.9883	0.00134532	3.45891
Worst	0.0004	5.74488	-2.9e-05	-9.64789	3.98876	0.007757	3.73547
STD	0.000325632	1.67416	8.44796e-05	3.21976	0.000210853	0.00220846	0.194467
SR	100	100	100	16	100	100	100
vio	0	0	0	0.00784319	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
Best	8.63931	25.1326	0.009865	10	0.032578	0.025717	3.98798
	140005	62.8319	0.009865	40.9926	0.037932	0.111002	3.98845
Median	14.9225	02.8319	0.009603	40.9920			
Median c	[0,0,0]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
					[1,0,0] 4422.4	[0,0,0]	[0,0,0]
c	[0,0,0]	[0,0,0]	[1,1,0]	[0,0,0]			
c v Mean Worst	[0,0,0]	[0,0,0]	[1,1,0] 4.78055	[0,0,0]	4422.4	0	0
c v Mean Worst STD	[0,0,0] 0 13.2889 14.9225 2.01061	[0,0,0] 0 59.062 75.3985 12.5192	[1,1,0] 4.78055 0.009865	[0,0,0] 0 109.793 37.8677 217.108	4422.4 0.0297009	0 0.113675 0.247135 0.0494769	0 3.98849
c v Mean Worst STD SR	[0,0,0] 0 13.2889 14.9225	[0,0,0] 0 59.062 75.3985 12.5192 80	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0	[0,0,0] 0 109.793 37.8677 217.108 80	4422.4 0.0297009 0.025455 0.00557244 0	0 0.113675 0.247135	0 3.98849 3.98917 0.00033957 100
c v Mean Worst STD	[0,0,0] 0 13.2889 14.9225 2.01061 100 0	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048	[0,0,0] 0 109.793 37.8677 217.108	4422.4 0.0297009 0.025455 0.00557244 0 4422.4	0 0.113675 0.247135 0.0494769 100 0	0 3.98849 3.98917 0.00033957 100 0
c v Mean Worst STD SR	[0,0,0] 0 13.2889 14.9225 2.01061 100	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05	4422.4 0.0297009 0.025455 0.00557244 0	0 0.113675 0.247135 0.0494769 100	0 3.98849 3.98917 0.00033957 100
c v Mean Worst STD SR vio	[0,0,0] 0 13.2889 14.9225 2.01061 100 0	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05	4422.4 0.0297009 0.025455 0.00557244 0 4422.4	0 0.113675 0.247135 0.0494769 100 0	0 3.98849 3.98917 0.00033957 100 0
c v Mean Worst STD SR vio	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347
c v Mean Worst STD SR vio Problem Best	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933 [0,0,0]	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868 [0,0,0]	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225 [0,0,0]	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691 [0,0,0]	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447 [2,0,0]	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75 [0,0,1]	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347 [1,0,0]
c v Mean Worst STD SR vio Problem Best Median c v	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933 [0,0,0] 0	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868 [0,0,0] 0	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225 [0,0,0] 0	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691 [0,0,0] 0	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447 [2,0,0] 8.5731	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75 [0,0,1] 0.000113626	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347 [1,0,0] 4422.4
c v Mean Worst STD SR vio Problem Best Median c v Mean	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933 [0,0,0] 0 3.1345	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868 [0,0,0] 0 3.44518	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225 [0,0,0] 0 14.2942	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691 [0,0,0] 0 69.3664	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447 [2,0,0] 8.5731 0.173455	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75 [0,0,1] 0.000113626 48.3806	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347 [1,0,0] 4422.4 0.0626299
c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933 [0,0,0] 0 3.1345 55.78	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868 [0,0,0] 0 3.44518 3.91918	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225 [0,0,0] 0 14.2942 24.3472	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691 [0,0,0] 0 69.3664 69.1154	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447 [2,0,0] 8.5731 0.173455 0.007396	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75 [0,0,1] 0.000113626 48.3806 38.8439	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347 [1,0,0] 4422.4 0.0626299 0.055568
c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933 [0,0,0] 0 3.1345 55.78 10.8282	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868 [0,0,0] 0 3.44518 3.91918 0.232561	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225 [0,0,0] 0 14.2942 24.3472 2.66571	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691 [0,0,0] 0 69.3664 69.1154 9.62865	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447 [2,0,0] 8.5731 0.173455 0.007396 0.253165	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75 [0,0,1] 0.000113626 48.3806 38.8439 36.2258	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347 [1,0,0] 4422.4 0.0626299 0.055568 0.0115624
c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	[0,0,0] 0 13.2889 14.9225 2.01061 100 0 C22 0.000616 0.217933 [0,0,0] 0 3.1345 55.78	[0,0,0] 0 59.062 75.3985 12.5192 80 1.54293e-05 C23 2.96601 3.47868 [0,0,0] 0 3.44518 3.91918	[1,1,0] 4.78055 0.009865 0.009865 5.20417e-18 0 4.78048 C24 11.7809 14.9225 [0,0,0] 0 14.2942 24.3472	[0,0,0] 0 109.793 37.8677 217.108 80 3.65926e-05 C25 51.8364 76.9691 [0,0,0] 0 69.3664 69.1154	4422.4 0.0297009 0.025455 0.00557244 0 4422.4 C26 0.009865 0.611447 [2,0,0] 8.5731 0.173455 0.007396	0 0.113675 0.247135 0.0494769 100 0 C27 36.6328 216.75 [0,0,1] 0.000113626 48.3806 38.8439	0 3.98849 3.98917 0.00033957 100 0 C28 0.049319 0.065347 [1,0,0] 4422.4 0.0626299 0.055568

 $\varepsilon LDE\ EDM_{v2}\phi_1$

Problem	C01	C02	C03	$egin{array}{c} EDM_{v2}\phi_1 \ {f C04} \end{array}$	C05	C06	C07
Best	0	0	0	13.5728	0	1e-06	-450.081
Median	1e-06	1e-06	1e-06	13.5728	0	1.3e-05	-425.127
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	9.2e-07	8.8e-07	52.3507	13.6667	0	1.296e-05	-423.912
Worst	1e-06	1e-06	895.368	15.9192	0	2.3e-05	-398.11
STD	2.71293e-07	3.24962e-07	190.165	0.459809	0	5.68141e-06	14.6323
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.000813	-0.004975	-4.4e-05	-8.99316	3.98876	2e-06	2.37638
Median	-0.000813	-0.004973	0.000188	-38.6089	3.98997	1.3e-05	2.37038
c	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	2.7362	0	0,0,0	0
Mean	-0.00050036	1.1709	0.0001794	-37.9676	3.99	1.444e-05	2.49102
Worst	-0.00030030	12.7037	0.0001794	-98.6103	3.99148	4.2e-05	3.59948
STD	0.000104344	3.10884	0.000338	18.6567	0.000696454	8.95357e-06	0.244415
SR	100	100	100	0	100	100	100
vio	0	0	0	3.3149	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
Best	2.35612	1.57066	0.009865	36.6681	0.10623	0.031266	3.98854
Dest				38.3649	0.099458	0.187569	3.98931
Median	2 35612	1 57066	0.009865				
Median	2.35612	1.57066	0.009865				
c	[0,0,0]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
c v	[0,0,0] 0	[0,0,0]	[1,1,0] 4.78062	[0,0,0] 0	[1,0,0] 4422.4	[0,0,0] 0	[0,0,0]
c v Mean	[0,0,0] 0 4.24108	[0,0,0] 0 1.57066	[1,1,0] 4.78062 0.009865	[0,0,0] 0 38.2258	[1,0,0] 4422.4 0.103196	[0,0,0] 0 0.177814	[0,0,0] 0 3.98931
c v Mean Worst	[0,0,0] 0 4.24108 21.2057	[0,0,0] 0 1.57066 1.57067	[1,1,0] 4.78062 0.009865 0.009865	[0,0,0] 0 38.2258 40.7612	[1,0,0] 4422.4 0.103196 0.082625	[0,0,0] 0 0.177814 0.290419	[0,0,0] 0 3.98931 3.9902
c v Mean Worst STD	[0,0,0] 0 4.24108 21.2057 4.26146	[0,0,0] 0 1.57066 1.57067 4.22639e-06	[1,1,0] 4.78062 0.009865	[0,0,0] 0 38.2258 40.7612 1.07646	[1,0,0] 4422.4 0.103196	[0,0,0] 0 0.177814 0.290419 0.0695488	[0,0,0] 0 3.98931 3.9902 0.000418023
c v Mean Worst	[0,0,0] 0 4.24108 21.2057	[0,0,0] 0 1.57066 1.57067	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18	[0,0,0] 0 38.2258 40.7612	[1,0,0] 4422.4 0.103196 0.082625 0.0116485	[0,0,0] 0 0.177814 0.290419	[0,0,0] 0 3.98931 3.9902
c v Mean Worst STD SR	[0,0,0] 0 4.24108 21.2057 4.26146 100	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18	[0,0,0] 0 38.2258 40.7612 1.07646 100	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0	[0,0,0] 0 0.177814 0.290419 0.0695488 100	[0,0,0] 0 3.98931 3.9902 0.000418023 100
c v Mean Worst STD SR vio	[0,0,0] 0 4.24108 21.2057 4.26146 100 0	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066	[0,0,0] 0 38.2258 40.7612 1.07646 100 0	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0
c v Mean Worst STD SR vio Problem	[0,0,0] 0 4.24108 21.2057 4.26146 100 0	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066	[0,0,0] 0 38.2258 40.7612 1.07646 100 0	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0
c v Mean Worst STD SR vio Problem Best	[0,0,0] 0 4.24108 21.2057 4.26146 100 0 C22 8e-06	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0 C23 2.55112	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066 C24 2.35612	[0,0,0] 0 38.2258 40.7612 1.07646 100 0 C25 1.57066	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4 C26 0.009857	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0 C27 37.3412	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0 C28 0.12709
c v Mean Worst STD SR vio Problem Best Median	[0,0,0] 0 4.24108 21.2057 4.26146 100 0 C22 8e-06 3.9e-05	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0 C23 2.55112 2.90548	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066 C24 2.35612 2.35612	[0,0,0] 0 38.2258 40.7612 1.07646 100 0 C25 1.57066 1.57066	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4 C26 0.009857 0.835446	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0 C27 37.3412 39.2399	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0 C28 0.12709 0.140684
c v Mean Worst STD SR vio Problem Best Median c	[0,0,0] 0 4.24108 21.2057 4.26146 100 0 C22 8e-06 3.9e-05 [0,0,0]	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0 C23 2.55112 2.90548 [0,0,0]	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066 C24 2.35612 [0,0,0]	[0,0,0] 0 38.2258 40.7612 1.07646 100 0 C25 1.57066 1.57066 [0,0,0]	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4 C26 0.009857 0.835446 [2,0,0]	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0 C27 37.3412 39.2399 [0,0,0]	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0 C28 0.12709 0.140684 [1,0,0]
c v Mean Worst STD SR vio Problem Best Median c v	[0,0,0] 0 4.24108 21.2057 4.26146 100 0 C22 8e-06 3.9e-05 [0,0,0] 0	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0 C23 2.55112 2.90548 [0,0,0] 0	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066 C24 2.35612 2.35612 [0,0,0] 0	[0,0,0] 0 38.2258 40.7612 1.07646 100 0 C25 1.57066 [0,0,0] 0	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4 C26 0.009857 0.835446 [2,0,0] 11	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0 C27 37.3412 39.2399 [0,0,0] 0	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0 C28 0.12709 0.140684 [1,0,0] 4422.4
c v Mean Worst STD SR vio Problem Best Median c v Mean	[0,0,0] 0 4.24108 21.2057 4.26146 100 0 C22 8e-06 3.9e-05 [0,0,0] 0 4.704e-05	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0 C23 2.55112 2.90548 [0,0,0] 0 2.91796	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066 C24 2.35612 2.35612 [0,0,0] 0 3.92704 0.001494 3.49113	[0,0,0] 0 38.2258 40.7612 1.07646 100 0 C25 1.57066 [0,0,0] 0 1.57066	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4 C26 0.009857 0.835446 [2,0,0] 11 0.470817	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0 C27 37.3412 39.2399 [0,0,0] 0 39.6932	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0 C28 0.12709 0.140684 [1,0,0] 4422.4 1.6353
c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	[0,0,0] 0 4.24108 21.2057 4.26146 100 0 C22 8e-06 3.9e-05 [0,0,0] 0 4.704e-05 9.1e-05	[0,0,0] 0 1.57066 1.57067 4.22639e-06 100 0 C23 2.55112 2.90548 [0,0,0] 0 2.91796 3.19329	[1,1,0] 4.78062 0.009865 0.009865 5.20417e-18 0 4.78066 C24 2.35612 [0,0,0] 0 3.92704 0.001494	[0,0,0] 0 38.2258 40.7612 1.07646 100 0 C25 1.57066 [0,0,0] 0 1.57066 1.57066	[1,0,0] 4422.4 0.103196 0.082625 0.0116485 0 4422.4 C26 0.009857 0.835446 [2,0,0] 11 0.470817 0.885057	[0,0,0] 0 0.177814 0.290419 0.0695488 100 0 C27 37.3412 39.2399 [0,0,0] 0 39.6932 45.9463	[0,0,0] 0 3.98931 3.9902 0.000418023 100 0 C28 0.12709 0.140684 [1,0,0] 4422.4 1.6353 18.0533

 $\varepsilon LDE\ EDM_{C3}\phi_1$

Problem	C01	C02	C03	$rac{EDM_{C3}\phi_1}{ extbf{C04}}$	C05	C06	C07
							-474.252
Best	0	0	0	13.5728	0	1e-06	
Median				13.5728		3e-06	-439.178
С	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
V	0	0	0	0	0	0	0
Mean	0	0	1.2e-07	13.6666	0	3.88e-06	-432.355
Worst	0	0	1e-06	15.9192	0	1.1e-05	-367.102
STD	0	0	3.24962e-07	0.459809	0	2.47095e-06	31.9639
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.001041	-0.004974	-0.000197	-4.45318	3.98831	0	2.37634
Median	-0.00085	-0.004972	-8.6e-05	-31.0647	3.98872	1e-06	2.37635
c	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	1.78276	0	0	0
Mean	-0.00085684	1.12279	-8.96e-05	-32.9961	3.98869	1.24e-06	2.7084
Worst	-0.000647	18.4499	5.5e-05	-103.648	3.98919	3e-06	8.17039
STD	9.52616e-05	4.01814	7.72766e-05	23.0337	0.000218615	7.08802e-07	1.1281
SR	100	100	100	0	100	100	96
vio	0	0	0	2.94556	0	0	1.88129
Problem	C15	C16	C17	C18	C19	C20	C21
Best	2.35612	1.57066	0.009865	36.6139	0.043477	0.031266	3.98831
Median	2.35612	1.57066	0.009865	36.7074	0.072879	0.16084	3.98865
c	[0,0,0]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0	0	4.78048	0	4422.4	0	0
Mean	5.93758	4 40 40 7					
Worst	3.73130	1.19427	0.0822242	37.2034	0.0705975	0.155621	3.98863
	0.000389	0.00234	0.0822242 0.313123	37.2034 41.5768	0.0705975 0.04751	0.155621 0.380618	3.98863 3.98895
STD							
STD SR	0.000389	0.00234	0.313123	41.5768	0.04751	0.380618	3.98895
	0.000389 6.78566 92 0.0400154	0.00234 1.27788	0.313123 0.146823	41.5768 1.21124	0.04751 0.010894	0.380618 0.0791709	3.98895 0.000184515
SR	0.000389 6.78566 92	0.00234 1.27788 64	0.313123 0.146823 0	41.5768 1.21124 100	0.04751 0.010894 0	0.380618 0.0791709 100	3.98895 0.000184515 100
SR vio	0.000389 6.78566 92 0.0400154	0.00234 1.27788 64 0.000198893	0.313123 0.146823 0 5.50675	41.5768 1.21124 100 0	0.04751 0.010894 0 4422.4	0.380618 0.0791709 100 0	3.98895 0.000184515 100 0
SR vio Problem	0.000389 6.78566 92 0.0400154	0.00234 1.27788 64 0.000198893	0.313123 0.146823 0 5.50675	41.5768 1.21124 100 0	0.04751 0.010894 0 4422.4	0.380618 0.0791709 100 0	3.98895 0.000184515 100 0 C28
SR vio Problem Best	0.000389 6.78566 92 0.0400154 C22 2e-06	0.00234 1.27788 64 0.000198893 C23 2.47326	0.313123 0.146823 0 5.50675 C24 2.35612	41.5768 1.21124 100 0 C25 1.57066	0.04751 0.010894 0 4422.4 C26 0.009865	0.380618 0.0791709 100 0 C27 37.2966	3.98895 0.000184515 100 0 C28 0.106349
SR vio Problem Best Median	0.000389 6.78566 92 0.0400154 C22 2e-06 6e-06	0.00234 1.27788 64 0.000198893 C23 2.47326 2.68364	0.313123 0.146823 0 5.50675 C24 2.35612 2.35612	41.5768 1.21124 100 0 C25 1.57066 1.57066	0.04751 0.010894 0 4422.4 C26 0.009865 0.422222	0.380618 0.0791709 100 0 C27 37.2966 39.2058	3.98895 0.000184515 100 0 C28 0.106349 0.084238
SR vio Problem Best Median c	0.000389 6.78566 92 0.0400154 C22 2e-06 6e-06 [0,0,0]	0.00234 1.27788 64 0.000198893 C23 2.47326 2.68364 [0,0,0]	0.313123 0.146823 0 5.50675 C24 2.35612 2.35612 [0,0,0]	41.5768 1.21124 100 0 C25 1.57066 1.57066 [0,0,0]	0.04751 0.010894 0 4422.4 C26 0.009865 0.422222 [2,0,0]	0.380618 0.0791709 100 0 C27 37.2966 39.2058 [0,0,0]	3.98895 0.000184515 100 0 C28 0.106349 0.084238 [1,0,0]
SR vio Problem Best Median c	0.000389 6.78566 92 0.0400154 C22 2e-06 6e-06 [0,0,0] 0	0.00234 1.27788 64 0.000198893 C23 2.47326 2.68364 [0,0,0] 0	0.313123 0.146823 0 5.50675 C24 2.35612 2.35612 [0,0,0] 0	41.5768 1.21124 100 0 C25 1.57066 1.57066 [0,0,0] 0	0.04751 0.010894 0 4422.4 C26 0.009865 0.422222 [2,0,0] 11	0.380618 0.0791709 100 0 C27 37.2966 39.2058 [0,0,0] 0	3.98895 0.000184515 100 0 C28 0.106349 0.084238 [1,0,0] 4422.4
SR vio Problem Best Median c v Mean	0.000389 6.78566 92 0.0400154 C22 2e-06 6e-06 [0,0,0] 0	0.00234 1.27788 64 0.000198893 C23 2.47326 2.68364 [0,0,0] 0 2.69042	0.313123 0.146823 0 5.50675 C24 2.35612 2.35612 [0,0,0] 0 4.08408	41.5768 1.21124 100 0 C25 1.57066 1.57066 [0,0,0] 0 1.57066	0.04751 0.010894 0 4422.4 C26 0.009865 0.422222 [2,0,0] 11 0.28665	0.380618 0.0791709 100 0 C27 37.2966 39.2058 [0,0,0] 0 39.9247	3.98895 0.000184515 100 0 C28 0.106349 0.084238 [1,0,0] 4422.4 5.4445
SR vio Problem Best Median c v Mean Worst	0.000389 6.78566 92 0.0400154 C22 2e-06 6e-06 [0,0,0] 0 0.478396 3.98659	0.00234 1.27788 64 0.000198893 C23 2.47326 2.68364 [0,0,0] 0 2.69042 3.1045	0.313123 0.146823 0 5.50675 C24 2.35612 2.35612 [0,0,0] 0 4.08408 0.000763	41.5768 1.21124 100 0 C25 1.57066 1.57066 [0,0,0] 0 1.57066 1.57066	0.04751 0.010894 0 4422.4 C26 0.009865 0.422222 [2,0,0] 11 0.28665 0.990011	0.380618 0.0791709 100 0 C27 37.2966 39.2058 [0,0,0] 0 39.9247 47.3617	3.98895 0.000184515 100 0 C28 0.106349 0.084238 [1,0,0] 4422.4 5.4445 19.032

 ϕ_2

				$LDE\phi_2$			
Problem	C01	C02	C03	C04	C05	C06	C07
Best	0	0	0	15.9192	0	0	-439.54
Median	0	0	0	198.596	0	0	-346.175
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	0	0	0	48.7393	0	0.720001	-286.151
Worst	0	0	0	0	0	2	-119.891
STD	0	0	0	91.5426	0	0.960002	139.015
SR	100	100	100	64	100	64	72
vio	0	0	0	1.17442e-25	0	0.0865512	7.1583
Problem	C08	C09	C10	C11	C12	C13	C14
Best	0	0.004472	0	0.059464	3.9879	0	2.38107
Median	0	10.4142	0	-0.346822	3.98825	0	2.45794
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	1.25891e-15	0	0	0
Mean	0	4.81074	0	0.178753	5.17093	0.159463	2.80558
Worst	0	1.30969	0	1.81476	22.9409	3.98658	3.79573
STD	0	4.95762	0	0.818095	4.18044	0.781207	0.549418
SR	100	68	100	0	100	100	100
vio	0	3.70767e-14	0	1.32376e-09	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
Best	0	0	0.187731	38.3541	0	0.340723	3.9879
Median	0	0	1.58901	42.5361	0	0.847394	3.98969
c	[0,1,0]	[0,0,0]	[1,0,1]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0.5	0	4.50057	0	4422.4	0	0
Mean	0	0	0.930776	43.4832	0	0.834936	11.3864
Worst	0	0	1.01043	49.839	0	1.1303	39.6544
STD	0	0	0.50612	3.3715	0	0.18556	10.6197
SR	0	100	0	100	0	100	100
vio	0.5	0	4.90209	0	4422.4	0	0
Problem	C22	C23	C24	C25	C26	C27	C28
Best	0	2.53892	0	0	1.69198	39.1052	1e-06
Median	0	3.34475	0	0	1.34394	42.2134	1e-06
c	[0,0,0]	[0,0,0]	[0,1,0]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]
v	0	0	0.5	0	4.68983	0	4422.4
Mean	0	3.34205	0	0	1.05911	43.0047	1.4e-06
Worst	0	3.87843	0	0	1.00561	50.1619	2e-06
STD	0	0.382588	0	0	0.42901	2.58404	8.48528e-07
SR	100	100	0	100	0	100	0
vio	0	0	0.5	0	4.94023	0	4422.4

 $\varepsilon LDE\ SHADE\phi_2$

Problem	C01	C02	$\frac{\varepsilon LDE\ SF}{\mathbf{C03}}$	C04	C05	C06	C07
Best	0	0	0	171.546	0	0	-438.917
Median	0	Ö	0	0	0	0	-363.467
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	4.12937e-15	0	0	0
Mean	0	0	0	76.6651	0.159463	0	-356.64
Worst	0	0	0	0	3.98658	0	-88.955
STD	0	0	0	113.771	0.781207	0	103.027
SR	100	100	100	32	100	100	92
vio	0	0	0	1.57403e-14	0	0	3.24885
Problem	C08	C09	C10	C11	C12	C13	C14
Best	1e-06	0.000861	1e-06	0.181873	3.9879	0	2.3771
Median	1.8e-05	0.008567	6e-06	-1.59237	3.98792	0	2.38205
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	5.2408e-09	0	0	0
Mean	2.036e-05	1.97892	8.88e-06	-0.0916142	4.74419	0	2.40307
Worst	6.8e-05	11.5585	3.1e-05	-2.77183	22.8941	0	2.63792
STD	1.93719e-05	3.67972	7.73729e-06	1.63779	3.70484	0	0.0685319
SR	100	100	100	0	100	100	100
vio	0	0	0	9.80854e-08	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
	5.06	0	1.19684	36.6864	0.00355	0.074004	3.9879
Best	5e-06	0					
Best Median	7e-06	2e-06	0.014896	37.4229	0.001826	0.3179	3.98797
		_	0.014896	37.4229 [0,0,0]	0.001826 [1,0,0]	0.3179 [0,0,0]	3.98797 [0,0,0]
Median	7e-06	2e-06					
Median c	7e-06 [1,0,0]	2e-06 [0,0,0]	0.014896 [1,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
Median c v Mean Worst	7e-06 [1,0,0] 0.500005	2e-06 [0,0,0] 0	0.014896 [1,0,0] 4.5	[0,0,0]	[1,0,0] 4422.4	[0,0,0]	[0,0,0]
Median c v Mean Worst STD	7e-06 [1,0,0] 0.500005 7.24e-06	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06	0.014896 [1,0,0] 4.5 0.496483	[0,0,0] 0 37.9761	[1,0,0] 4422.4 0.00258508	[0,0,0] 0 0.332895	[0,0,0] 0 9.89086 39.6545 8.71
Median c v Mean Worst	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0	[0,0,0] 0 37.9761 41.1552 1.12162 100	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0	[0,0,0] 0 0.332895 0.621671	[0,0,0] 0 9.89086 39.6545 8.71 100
Median c v Mean Worst STD	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665	[0,0,0] 0 37.9761 41.1552 1.12162	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888	[0,0,0] 0 0.332895 0.621671 0.153765	[0,0,0] 0 9.89086 39.6545 8.71
Median c v Mean Worst STD SR	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0	[0,0,0] 0 37.9761 41.1552 1.12162 100	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0	[0,0,0] 0 0.332895 0.621671 0.153765 100	[0,0,0] 0 9.89086 39.6545 8.71 100
Median c v Mean Worst STD SR vio	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9	[0,0,0] 0 37.9761 41.1552 1.12162 100 0	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4	[0,0,0] 0 0.332895 0.621671 0.153765 100 0	[0,0,0] 0 9.89086 39.6545 8.71 100 0
Median c v Mean Worst STD SR vio	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9	[0,0,0] 0 37.9761 41.1552 1.12162 100 0	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4	[0,0,0] 0 0.332895 0.621671 0.153765 100 0	[0,0,0] 0 9.89086 39.6545 8.71 100 0
Median c v Mean Worst STD SR vio Problem Best	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.38054 2.40086 [0,0,0]	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9 C24 2e-06	[0,0,0] 0 37.9761 41.1552 1.12162 100 0 C25 1e-06 1.6e-05 [0,0,0]	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4 C26 1.25467 0.015586 [1,0,0]	[0,0,0] 0 0.332895 0.621671 0.153765 100 0 C27 36.6839 38.2443 [0,0,0]	[0,0,0] 0 9.89086 39.6545 8.71 100 0 C28 0.012987 9.84027 [1,0,0]
Median c v Mean Worst STD SR vio Problem Best Median c v	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 0 [0,0,0] 0	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.38054 2.40086 [0,0,0] 0	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9 C24 2e-06 9e-06 [1,0,0] 0.500005	[0,0,0] 0 37.9761 41.1552 1.12162 100 0 C25 1e-06 1.6e-05 [0,0,0] 0	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4 C26 1.25467 0.015586 [1,0,0] 4.5	[0,0,0] 0 0.332895 0.621671 0.153765 100 0 C27 36.6839 38.2443 [0,0,0] 0	[0,0,0] 0 9.89086 39.6545 8.71 100 0 C28 0.012987 9.84027 [1,0,0] 4425.73
Median c v Mean Worst STD SR vio Problem Best Median c v Mean	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 0 [0,0,0]	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.38054 2.40086 [0,0,0]	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06	[0,0,0] 0 37.9761 41.1552 1.12162 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4 C26 1.25467 0.015586 [1,0,0] 4.5 0.904442	[0,0,0] 0 0.332895 0.621671 0.153765 100 0 C27 36.6839 38.2443 [0,0,0] 0 40.3518	[0,0,0] 0 9.89086 39.6545 8.71 100 0 C28 0.012987 9.84027 [1,0,0] 4425.73 8.23044
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 [0,0,0] 0 1.11003 23.7642	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.38054 2.40086 [0,0,0] 0 2.47909 3.29742	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06 2e-05	[0,0,0] 0 37.9761 41.1552 1.12162 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05 9.6e-05	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4 C26 1.25467 0.015586 [1,0,0] 4.5 0.904442 0.901473	[0,0,0] 0 0.332895 0.621671 0.153765 100 0 C27 36.6839 38.2443 [0,0,0] 0 40.3518 50.8881	[0,0,0] 0 9.89086 39.6545 8.71 100 0 C28 0.012987 9.84027 [1,0,0] 4425.73 8.23044 19.5039
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 [0,0,0] 0 1.11003 23.7642 4.68967	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.38054 2.40086 [0,0,0] 0 2.47909 3.29742 0.187222	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06 2e-05 4.80833e-06	[0,0,0] 0 37.9761 41.1552 1.12162 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05 9.6e-05 3.08841e-05	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4 C26 1.25467 0.015586 [1,0,0] 4.5 0.904442 0.901473 0.397832	[0,0,0] 0 0.332895 0.621671 0.153765 100 0 C27 36.6839 38.2443 [0,0,0] 0 40.3518 50.8881 4.05755	[0,0,0] 0 9.89086 39.6545 8.71 100 0 C28 0.012987 9.84027 [1,0,0] 4425.73 8.23044 19.5039 7.64915
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	7e-06 [1,0,0] 0.500005 7.24e-06 1.8e-05 4.54559e-06 0 0.500003 C22 0 [0,0,0] 0 1.11003 23.7642	2e-06 [0,0,0] 0 2.24e-06 1e-05 2.4377e-06 100 0 C23 2.38054 2.40086 [0,0,0] 0 2.47909 3.29742	0.014896 [1,0,0] 4.5 0.496483 0.013543 0.572665 0 4.9 C24 2e-06 9e-06 [1,0,0] 0.500005 7.4e-06 2e-05	[0,0,0] 0 37.9761 41.1552 1.12162 100 0 C25 1e-06 1.6e-05 [0,0,0] 0 2.964e-05 9.6e-05	[1,0,0] 4422.4 0.00258508 0.003003 0.00164888 0 4422.4 C26 1.25467 0.015586 [1,0,0] 4.5 0.904442 0.901473	[0,0,0] 0 0.332895 0.621671 0.153765 100 0 C27 36.6839 38.2443 [0,0,0] 0 40.3518 50.8881	[0,0,0] 0 9.89086 39.6545 8.71 100 0 C28 0.012987 9.84027 [1,0,0] 4425.73 8.23044 19.5039

 $\varepsilon LDE\ EDM\phi_2$

Problem	C01	C02	C03	C04	C05	C06	C07
Best	0	0	9177.8	13.5728	5.6e-05	163.52	-337.341
Median	0	0	34201.3	13.5728	2.24399	1208.07	-286.037
c	[0,0,0]	[0,0,0]	[0,0,1]	[0,0,0]	[0,0,0]	[0,0,3]	[0,0,2]
v	0	0	6.8082e-05	0	0	0.000147927	7.22887e-05
Mean	4.8e-07	4.4e-07	67011.3	13.5728	2.15379	790.102	-277.439
Worst	2e-06	1e-06	64291.4	13.5728	4.3472	892.405	-209.93
STD	6.4e-07	4.96387e-07	94314.9	1.72325e-06	1.40667	399.747	59.3328
SR	100	100	40	100	100	24	48
vio	0	0	0.000119774	0	0	0.000180916	0.000128154
Problem	C08	C09	C10	C11	C12	C13	C14
Best	6.2e-05	0.109512	3.9e-05	0.302642	3.98803	1.2e-05	3.2466
Median	0.000229	9.55652	0.000128	2.36471	3.9882	0.000318	3.71659
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	2.73372e-07	0	0	0
Mean	0.00032404	9.08921	0.00014328	-0.000909	3.98832	0.0115472	3.75709
Worst	0.000898	18.6121	0.000358	-11.4009	3.98929	0.149509	4.20645
STD	0.000220191	4.87892	7.46809e-05	3.49707	0.000281601	0.0350216	0.270905
SR	100	100	100	0	100	100	100
vio	0	0	0	0.00936451	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
Best	11.781	56.5487	1.29388	36.6499	0.033651	0.037461	3.98798
Median	18.0642	70.6857	0.999909	42.0482	0.036086	0.092989	3.98841
c	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0	0	5.5	0	4422.4	0	0
Mean	17.0588	69.8062	1.13374	45.3335	0.0329836	0.141892	3.9885
Worst			1,100,	15.5555	0.0329030	0.141092	3.9663
1	21.2057	76.9687	1.02738	73.5	0.0323830	0.141892	3.98917
STD	21.2057 2.12517						
STD SR		76.9687 8.01049 92	1.02738 0.280273 0	73.5	0.030381 0.00778531 0	0.401269	3.98917
	2.12517	76.9687 8.01049 92 6.86876e-06	1.02738 0.280273	73.5 8.87197	0.030381 0.00778531	0.401269 0.0966756	3.98917 0.000360685
SR	2.12517 100	76.9687 8.01049 92	1.02738 0.280273 0	73.5 8.87197 100	0.030381 0.00778531 0	0.401269 0.0966756 100	3.98917 0.000360685 100
SR vio Problem Best	2.12517 100 0 C22 3.6e-05	76.9687 8.01049 92 6.86876e-06 C23 3.16626	1.02738 0.280273 0 5.10003 C24 11.781	73.5 8.87197 100 0 C25 51.8361	0.030381 0.00778531 0 4422.4 C26 1.36962	0.401269 0.0966756 100 0 C27 36.6711	3.98917 0.000360685 100 0 C28 0.06021
SR vio Problem	2.12517 100 0 C22	76.9687 8.01049 92 6.86876e-06	1.02738 0.280273 0 5.10003	73.5 8.87197 100 0	0.030381 0.00778531 0 4422.4 C26	0.401269 0.0966756 100 0	3.98917 0.000360685 100 0
SR vio Problem Best	2.12517 100 0 C22 3.6e-05 0.008045 [0,0,0]	76.9687 8.01049 92 6.86876e-06 C23 3.16626 3.78029 [0,0,0]	1.02738 0.280273 0 5.10003 C24 11.781 18.0641 [0,0,0]	73.5 8.87197 100 0 C25 51.8361 69.115 [0,0,0]	0.030381 0.00778531 0 4422.4 C26 1.36962 1.02012 [1,0,0]	0.401269 0.0966756 100 0 C27 36.6711 38.1981 [0,0,0]	3.98917 0.000360685 100 0 C28 0.06021 0.068142 [1,0,0]
SR vio Problem Best Median c	2.12517 100 0 C22 3.6e-05 0.008045 [0,0,0] 0	76.9687 8.01049 92 6.86876e-06 C23 3.16626 3.78029 [0,0,0] 0	1.02738 0.280273 0 5.10003 C24 11.781 18.0641 [0,0,0] 0	73.5 8.87197 100 0 C25 51.8361 69.115 [0,0,0] 0	0.030381 0.00778531 0 4422.4 C26 1.36962 1.02012 [1,0,0] 5.5	0.401269 0.0966756 100 0 C27 36.6711 38.1981 [0,0,0] 0	3.98917 0.000360685 100 0 C28 0.06021 0.068142 [1,0,0] 4422.4
SR vio Problem Best Median c	2.12517 100 0 C22 3.6e-05 0.008045 [0,0,0] 0 5.20081	76.9687 8.01049 92 6.86876e-06 C23 3.16626 3.78029 [0,0,0] 0 3.70877	1.02738 0.280273 0 5.10003 C24 11.781 18.0641 [0,0,0] 0 17.1845	73.5 8.87197 100 0 C25 51.8361 69.115 [0,0,0] 0 69.6805	0.030381 0.00778531 0 4422.4 C26 1.36962 1.02012 [1,0,0] 5.5 1.06495	0.401269 0.0966756 100 0 C27 36.6711 38.1981 [0,0,0] 0 41.1421	3.98917 0.000360685 100 0 C28 0.06021 0.068142 [1,0,0] 4422.4 0.0651502
SR vio Problem Best Median c v Mean Worst	2.12517 100 0 C22 3.6e-05 0.008045 [0,0,0] 0 5.20081 67.8639	76.9687 8.01049 92 6.86876e-06 C23 3.16626 3.78029 [0,0,0] 0 3.70877 4.05247	1.02738 0.280273 0 5.10003 C24 11.781 18.0641 [0,0,0] 0 17.1845 24.3473	73.5 8.87197 100 0 C25 51.8361 69.115 [0,0,0] 0 69.6805 83.252	0.030381 0.00778531 0 4422.4 C26 1.36962 1.02012 [1,0,0] 5.5 1.06495 1.00971	0.401269 0.0966756 100 0 C27 36.6711 38.1981 [0,0,0] 0 41.1421 79.6499	3.98917 0.000360685 100 0 C28 0.06021 0.068142 [1,0,0] 4422.4
SR vio Problem Best Median c v Mean Worst STD	2.12517 100 0 C22 3.6e-05 0.008045 [0,0,0] 0 5.20081 67.8639 16.2379	76.9687 8.01049 92 6.86876e-06 C23 3.16626 3.78029 [0,0,0] 0 3.70877 4.05247 0.237827	1.02738 0.280273 0 5.10003 C24 11.781 18.0641 [0,0,0] 0 17.1845 24.3473 2.88205	73.5 8.87197 100 0 C25 51.8361 69.115 [0,0,0] 0 69.6805 83.252 9.51733	0.030381 0.00778531 0 4422.4 C26 1.36962 1.02012 [1,0,0] 5.5 1.06495 1.00971 0.22217	0.401269 0.0966756 100 0 C27 36.6711 38.1981 [0,0,0] 0 41.1421 79.6499 9.19334	3.98917 0.000360685 100 0 C28 0.06021 0.068142 [1,0,0] 4422.4 0.0651502 0.068107 0.0146346
SR vio Problem Best Median c v Mean Worst	2.12517 100 0 C22 3.6e-05 0.008045 [0,0,0] 0 5.20081 67.8639	76.9687 8.01049 92 6.86876e-06 C23 3.16626 3.78029 [0,0,0] 0 3.70877 4.05247	1.02738 0.280273 0 5.10003 C24 11.781 18.0641 [0,0,0] 0 17.1845 24.3473	73.5 8.87197 100 0 C25 51.8361 69.115 [0,0,0] 0 69.6805 83.252	0.030381 0.00778531 0 4422.4 C26 1.36962 1.02012 [1,0,0] 5.5 1.06495 1.00971	0.401269 0.0966756 100 0 C27 36.6711 38.1981 [0,0,0] 0 41.1421 79.6499	3.98917 0.000360685 100 0 C28 0.06021 0.068142 [1,0,0] 4422.4 0.0651502 0.068107

 $\varepsilon LDE\ EDM_{v2}\phi_2$

Problem	C01	C02	C03	$\frac{EDM_{v2}\phi_2}{\mathbf{C04}}$	C05	C06	C07
Best	0	0	1e-06	13.5728	0	1e-05	-447.901
Median	1e-06	1e-06	9e-06	13.5728	0	5.5e-05	-405.603
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	9.2e-07	8.8e-07	85.4133	13.5728	0	5.544e-05	-396.28
Worst	1e-06	1e-06	2135.33	13.5728	0	0.000124	-317.258
STD	2.71293e-07	3.24962e-07	418.438	1.48809e-06	0	2.56157e-05	35.1027
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
Problem	C08	C09	C10	C11	C12	C13	C14
Best	0.000302	0.000221	0.000241	-7.75564	3.98902	3e-06	2.46418
Median	0.000604	0.840077	0.000613	-30.6441	3.98985	1e-05	2.67604
С	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	1.69252	0	0	0
Mean	0.00063092	5.61529	0.00062824	-33.3733	3.98984	1.188e-05	2.70415
Worst	0.001089	19.0311	0.001034	-98.6103	3.9913	4.7e-05	3.71229
STD	0.000191058	7.10241	0.000218774	17.9785	0.000563809	8.95017e-06	0.233799
SR	100	100	100	0	100	100	100
vio	0	0	0	2.62478	0	0	0
Problem	C15	C16	C17	C18	C19	C20	C21
Best	2.35619	1.57079	0.046471	38.4448	0.107318	0.031266	3.98833
Best Median	2.35619 2.35619	1.57079 1.5708	0.046471 0.07969	38.4448 47.2071	0.107318 0.097768	0.031266 0.188398	3.98833 3.98931
			0.07969 [1,0,0]		0.097768 [1,0,0]		
Median c v	2.35619 [0,0,0] 0	1.5708 [0,0,0] 0	0.07969 [1,0,0] 4.5	47.2071 [0,0,0] 0	0.097768 [1,0,0] 4422.4	0.188398 [0,0,0] 0	3.98931 [0,0,0] 0
Median c v Mean	2.35619 [0,0,0] 0 5.1208	1.5708 [0,0,0] 0 1.5708	0.07969 [1,0,0] 4.5 0.100881	47.2071 [0,0,0] 0 47.181	0.097768 [1,0,0] 4422.4 0.100872	0.188398 [0,0,0] 0 0.19403	3.98931 [0,0,0] 0 3.98925
Median c v Mean Worst	2.35619 [0,0,0] 0 5.1208 21.2057	1.5708 [0,0,0] 0 1.5708 1.5708	0.07969 [1,0,0] 4.5 0.100881 0.14934	47.2071 [0,0,0] 0 47.181 55.5968	0.097768 [1,0,0] 4422.4 0.100872 0.100632	0.188398 [0,0,0] 0 0.19403 0.467768	3.98931 [0,0,0] 0 3.98925 3.98991
Median c v Mean Worst STD	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397	47.2071 [0,0,0] 0 47.181 55.5968 4.52722	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684
Median c v Mean Worst STD SR	2.35619 [0,0,0] 0 5.1208 21.2057	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100
Median c v Mean Worst STD	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397	47.2071 [0,0,0] 0 47.181 55.5968 4.52722	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684
Median c v Mean Worst STD SR	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100
Median c v Mean Worst STD SR vio	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0
Median c v Mean Worst STD SR vio	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0
Median c v Mean Worst STD SR vio Problem Best	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0 C22 1.1e-05	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0 C23 2.73306	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5 C24 2.35619	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0 C25 1.57079	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4 C26 1.27362	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0 C27 38.9768	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0 C28 0.13551 0.150662 [1,0,0]
Median c v Mean Worst STD SR vio Problem Best Median	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0 C22 1.1e-05 5.6e-05	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0 C23 2.73306 3.44418	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5 C24 2.35619 14.9226	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0 C25 1.57079 1.5708	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4 C26 1.27362 0.964437	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0 C27 38.9768 49.3328	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0 C28 0.13551 0.150662
Median c v Mean Worst STD SR vio Problem Best Median c	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0 C22 1.1e-05 5.6e-05 [0,0,0]	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0 C23 2.73306 3.44418 [0,0,0]	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5 C24 2.35619 14.9226 [0,0,0]	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0 C25 1.57079 1.5708 [0,0,0]	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4 C26 1.27362 0.964437 [1,0,0]	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0 C27 38.9768 49.3328 [0,0,0]	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0 C28 0.13551 0.150662 [1,0,0]
Median c v Mean Worst STD SR vio Problem Best Median c v	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0 C22 1.1e-05 5.6e-05 [0,0,0] 0	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0 C23 2.73306 3.44418 [0,0,0] 0	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5 C24 2.35619 14.9226 [0,0,0] 0	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0 C25 1.57079 1.5708 [0,0,0] 0	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4 C26 1.27362 0.964437 [1,0,0] 4.5	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0 C27 38.9768 49.3328 [0,0,0] 0	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0 C28 0.13551 0.150662 [1,0,0] 4422.4
Median c v Mean Worst STD SR vio Problem Best Median c v Mean	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0 C22 1.1e-05 5.6e-05 [0,0,0] 0 0.318985	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0 C23 2.73306 3.44418 [0,0,0] 0 3.41641	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5 C24 2.35619 14.9226 [0,0,0] 0 9.70764	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0 C25 1.57079 1.5708 [0,0,0] 0 1.5708	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4 C26 1.27362 0.964437 [1,0,0] 4.5 1.15817	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0 C27 38.9768 49.3328 [0,0,0] 0 48.6343	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0 C28 0.13551 0.150662 [1,0,0] 4422.4 1.55509
Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	2.35619 [0,0,0] 0 5.1208 21.2057 5.3551 100 0 C22 1.1e-05 5.6e-05 [0,0,0] 0 0.318985 3.98666	1.5708 [0,0,0] 0 1.5708 1.5708 3.11024e-06 100 0 C23 2.73306 3.44418 [0,0,0] 0 3.41641 4.14809	0.07969 [1,0,0] 4.5 0.100881 0.14934 0.052397 0 4.5 C24 2.35619 14.9226 [0,0,0] 0 9.70764 0.001494	47.2071 [0,0,0] 0 47.181 55.5968 4.52722 100 0 C25 1.57079 1.5708 [0,0,0] 0 1.5708 1.5708	0.097768 [1,0,0] 4422.4 0.100872 0.100632 0.0138088 0 4422.4 C26 1.27362 0.964437 [1,0,0] 4.5 1.15817 0.477082	0.188398 [0,0,0] 0 0.19403 0.467768 0.106934 100 0 C27 38.9768 49.3328 [0,0,0] 0 48.6343 55.2283	3.98931 [0,0,0] 0 3.98925 3.98991 0.000376684 100 0 C28 0.13551 0.150662 [1,0,0] 4422.4 1.55509 21.0274

 $\varepsilon LDE\ EDM_{C3}\phi_2$

Problem	C01	C02	C03	$egin{array}{c} \mathcal{L}DM_{C3}\phi_2 & & & \\ \mathbf{C04} & & & & \end{array}$	C05	C06	C07
Best	0	0	0	13.5728	0	4e-06	-473.01
Median	0	0	2e-06	13.5728	0	2.5e-05	-473.01 -430.162
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	0	0	0	0
Mean	0	0	3.64e-06	14.0819	0	2.676e-05	-427.524
Worst	0	0	1.5e-05	16.9142	0	6.5e-05	-366.981
STD	0	0	3.83541e-06	1.03362	0	1.50739e-05	29.3343
SR	100	100	100	100	100	100	100
vio	0	0	0	0	0	0	0
Problem	C08	C09	C10	C11	C12	C13	C14
Best	0.000138	0.000877	0.000169	-5.26771	3.98822	0	2.42217
Median	0.000254	7.47186	0.000314	-29.3905	3.98863	1e-06	2.75575
c	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]	[0,0,0]
v	0	0	0	1.58041	0	0	0
Mean	0.0002904	7.83306	0.00034032	-36.3354	3.98867	1.28e-06	3.59451
Worst	0.000677	17.7583	0.000555	-179.396	3.98919	3e-06	16.3213
STD	0.000121411	7.35154	0.000106573	35.4424	0.000214375	8.72697e-07	2.6628
SR	100	96	100	0	100	100	96
vio	0	1.07972e-15	0	4.83341	0	0	20.8139
Problem	C15	C16	C17	C18	C19	C20	C21
Problem Best	C15 2.35619	1.57079	C17 0.046676	38.9741	C19 0.076481	0.043599	3.98821
	2.35619 8.63938			38.9741 47.7931		0.043599 0.184197	3.98821 3.98865
Best	2.35619 8.63938 [0,0,0]	1.57079 1.5708 [0,0,0]	0.046676 0.028416 [1,0,0]	38.9741 47.7931 [0,0,0]	0.076481 0.077108 [1,0,0]	0.043599 0.184197 [0,0,0]	3.98821 3.98865 [0,0,0]
Best Median c	2.35619 8.63938 [0,0,0] 0	1.57079 1.5708 [0,0,0] 0	0.046676 0.028416 [1,0,0] 4.5	38.9741 47.7931 [0,0,0] 0	0.076481 0.077108	0.043599 0.184197 [0,0,0] 0	3.98821 3.98865 [0,0,0] 0
Best Median c v Mean	2.35619 8.63938 [0,0,0] 0 8.19959	1.57079 1.5708 [0,0,0] 0 1.75985	0.046676 0.028416 [1,0,0] 4.5 0.178358	38.9741 47.7931 [0,0,0] 0 47.5749	0.076481 0.077108 [1,0,0] 4422.4 0.0746321	0.043599 0.184197 [0,0,0] 0 0.193783	3.98821 3.98865 [0,0,0] 0 3.98864
Best Median c v Mean Worst	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905
Best Median c v Mean Worst STD	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111	0.046676 0.028416 [1,0,0] 4.5 0.178358	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085
Best Median c v Mean Worst STD SR	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905
Best Median c v Mean Worst STD SR vio	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0
Best Median c v Mean Worst STD SR	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100
Best Median c v Mean Worst STD SR vio	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0
Best Median c v Mean Worst STD SR vio	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0
Best Median c v Mean Worst STD SR vio Problem Best	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154 C22 2e-06	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893 C23 2.62026 2.89999 [0,0,0]	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66 C24	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0 C25	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4 C26 1.5763 0.600945 [1,0,0]	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0 C27 37.5884 48.6892 [0,0,0]	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0 C28 0.108345 0.108544 [1,0,0]
Best Median c v Mean Worst STD SR vio Problem Best Median	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154 C22 2e-06 7e-06	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893 C23 2.62026 2.89999 [0,0,0] 0	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66 C24 2.35619 14.9226	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0 C25 1.57079 1.5708	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4 C26 1.5763 0.600945	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0 C27 37.5884 48.6892	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0 C28 0.108345 0.108544 [1,0,0] 4422.4
Best Median c v Mean Worst STD SR vio Problem Best Median c	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154 C22 2e-06 7e-06 [0,0,0]	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893 C23 2.62026 2.89999 [0,0,0]	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66 C24 2.35619 14.9226 [0,0,0]	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0 C25 1.57079 1.5708 [0,0,0]	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4 C26 1.5763 0.600945 [1,0,0]	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0 C27 37.5884 48.6892 [0,0,0]	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0 C28 0.108345 0.108544 [1,0,0]
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154 C22 2e-06 7e-06 [0,0,0] 0	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893 C23 2.62026 2.89999 [0,0,0] 0 2.96404 3.80969	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66 C24 2.35619 14.9226 [0,0,0] 0 9.61334 0.000763	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0 C25 1.57079 1.5708 [0,0,0] 0 1.5708 1.5708	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4 C26 1.5763 0.600945 [1,0,0] 5.5 0.705782 0.745428	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0 C27 37.5884 48.6892 [0,0,0] 0 47.5908 55.5602	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0 C28 0.108345 0.108544 [1,0,0] 4422.4 3.9862 19.0084
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154 C22 2e-06 7e-06 [0,0,0] 0 7.56e-06 2.2e-05 4.5614e-06	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893 C23 2.62026 2.89999 [0,0,0] 0 2.96404 3.80969 0.254467	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66 C24 2.35619 14.9226 [0,0,0] 0 9.61334 0.000763 7.0046	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0 C25 1.57079 1.5708 [0,0,0] 0 1.5708 1.5708 1.41082e-06	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4 C26 1.5763 0.600945 [1,0,0] 5.5 0.705782 0.745428 0.382024	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0 C27 37.5884 48.6892 [0,0,0] 0 47.5908 55.5602 5.75566	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0 C28 0.108345 0.108544 [1,0,0] 4422.4 3.9862 19.0084 7.87174
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	2.35619 8.63938 [0,0,0] 0 8.19959 0.000389 7.76256 92 0.0400154 C22 2e-06 7e-06 [0,0,0] 0 7.56e-06 2.2e-05	1.57079 1.5708 [0,0,0] 0 1.75985 0.00234 3.88111 64 0.000198893 C23 2.62026 2.89999 [0,0,0] 0 2.96404 3.80969	0.046676 0.028416 [1,0,0] 4.5 0.178358 0.028266 0.306346 0 4.66 C24 2.35619 14.9226 [0,0,0] 0 9.61334 0.000763	38.9741 47.7931 [0,0,0] 0 47.5749 55.7703 3.479 100 0 C25 1.57079 1.5708 [0,0,0] 0 1.5708 1.5708	0.076481 0.077108 [1,0,0] 4422.4 0.0746321 0.058196 0.00993736 0 4422.4 C26 1.5763 0.600945 [1,0,0] 5.5 0.705782 0.745428	0.043599 0.184197 [0,0,0] 0 0.193783 0.444945 0.103838 100 0 C27 37.5884 48.6892 [0,0,0] 0 47.5908 55.5602	3.98821 3.98865 [0,0,0] 0 3.98864 3.98905 0.00021085 100 0 C28 0.108345 0.108544 [1,0,0] 4422.4 3.9862 19.0084

Problem	C01	C02	C03	C04	C05	C06	C07
Best	0	0	0	0	0	1e-06	-474.445
Median	0	0	0	1e-06	0	4e-06	-461.426
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,2,0]
v	0	0	0	9.43423e-10	0	0	0.666623
Mean	0	0	0	0.0397989	0	0.0795992	-465.525
Worst	0	0	0	0.99496	0	0.994962	-458.168
STD	0	0	0	0.194971	0	0.269926	9.89581
SR	100	100	100	0	100	52	0
vio	0	0	0	0.0111265	0	0.0480243	0.666586
Problem	C08	C09	C10	C11	C12	C13	C14
Best	-0.134528	-0.366023	-1.82003	-63.2344	2.98975	0	1.15515
Median	-0.134515	-0.366024	-1.88346	-496.267	2.98977	0	1.15515
c	[1,1,0]	[0,1,0]	[1,0,1]	[1,0,0]	[0,1,0]	[0,0,0]	[1,1,0]
v	0.666474	0.499999	459.237	7907.55	0.333305	0	1.6846
Mean	-0.134551	-0.366024	-1.89178	-369.072	2.98976	0.363089	1.15515
Worst	-0.134567	-0.366025	-2.14553	-681.91	2.98986	9.07722	1.15515
STD	7.55825e-05	9.58332e-07	0.0635553	188.654	0.000101794	1.77876	7.11056e-07
SR	0	0	0	0	0	96	0
vio	0.666381	0.499999	462.747	8070.55	0.333304	0.629604	1.68461
Problem	C15	C16	C17	C18	C19	C20	C21
Problem Best	C15 1.5708	C16 0.000759	C17 0.010503	C18	C19 24.5248	C20 0.116581	C21 2.99005
				1			
Best	1.5708	0.000759	0.010503	10	24.5248	0.116581	2.99005
Best Median	1.5708 1.5708	0.000759 0.001087	0.010503 0.270468	10 6.5e-05	24.5248 27.9213	0.116581 0.085835	2.99005 2.98973
Best Median c	1.5708 1.5708 [0,1,0]	0.000759 0.001087 [0,0,1]	0.010503 0.270468 [1,1,0]	10 6.5e-05 [0,1,0] 0.33279 53.4448	24.5248 27.9213 [1,0,0]	0.116581 0.085835 [0,1,0]	2.99005 2.98973 [0,1,0]
Best Median c v Mean Worst	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989
Best Median c v Mean Worst STD	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16	0.000759 0.001087 [0,0,1] 0.000390237 0.001092	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516
Best Median c v Mean Worst STD SR	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0
Best Median c v Mean Worst STD SR vio	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.3333286
Best Median c v Mean Worst STD SR vio	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.3333286
Best Median c v Mean Worst STD SR vio Problem Best	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.333286 C28 31.255
Best Median c v Mean Worst STD SR vio	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.3333286
Best Median c v Mean Worst STD SR vio Problem Best	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22 1e-06 4e-06 [0,0,0]	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822 1.15515 [1,1,0]	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24 1.5708 1.5708 [0,1,0]	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25 0.001044 0.001893 [0,0,1]	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503 0.223952 [1,1,0]	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27 49.25 0.000119 [0,1,0]	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.3333286 C28 31.255 53.4349 [1,0,0]
Best Median c v Mean Worst STD SR vio Problem Best Median c v	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22 1e-06 4e-06 [0,0,0] 0	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822 1.15515 [1,1,0] 1.68463	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24 1.5708 1.5708 [0,1,0] 0.5	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25 0.001044 0.001893 [0,0,1] 0.000679755	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503 0.223952 [1,1,0] 5.54544	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27 49.25 0.000119 [0,1,0] 0.332647	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.333286 C28 31.255 53.4349 [1,0,0] 4452.2
Best Median c v Mean Worst STD SR vio Problem Best Median c	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22 1e-06 4e-06 [0,0,0] 0 760191	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822 1.15515 [1,1,0] 1.68463 1.20168	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24 1.5708 1.5708 [0,1,0] 0.5 9.99024	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25 0.001044 0.001893 [0,0,1] 0.000679755 0.0018936	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503 0.223952 [1,1,0] 5.54544 0.160651	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27 49.25 0.000119 [0,1,0] 0.332647 3.94011	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.333286 C28 31.255 53.4349 [1,0,0] 4452.2 46.3609
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22 1e-06 4e-06 [0,0,0] 0 760191 1.60514e+07	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822 1.15515 [1,1,0] 1.68463 1.20168 1.15515	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24 1.5708 1.5708 [0,1,0] 0.5 9.99024 84.0377	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25 0.001044 0.001893 [0,0,1] 0.000679755 0.0018936 0.002729	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503 0.223952 [1,1,0] 5.54544 0.160651 0.364624	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27 49.25 0.000119 [0,1,0] 0.332647 3.94011 2.9e-05	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.333286 C28 31.255 53.4349 [1,0,0] 4452.2 46.3609 52.2942
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst STD	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22 1e-06 4e-06 [0,0,0] 0 760191	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822 1.15515 [1,1,0] 1.68463 1.20168 1.15515 0.227913	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24 1.5708 1.5708 [0,1,0] 0.5 9.99024	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25 0.001044 0.001893 [0,0,1] 0.000679755 0.0018936	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503 0.223952 [1,1,0] 5.54544 0.160651	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27 49.25 0.000119 [0,1,0] 0.332647 3.94011	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.333286 C28 31.255 53.4349 [1,0,0] 4452.2 46.3609 52.2942 7.42179
Best Median c v Mean Worst STD SR vio Problem Best Median c v Mean Worst	1.5708 1.5708 [0,1,0] 0.5 1.5708 1.5708 4.44089e-16 0 0.5 C22 1e-06 4e-06 [0,0,0] 0 760191 1.60514e+07	0.000759 0.001087 [0,0,1] 0.000390237 0.001092 0.001505 0.000182211 0 0.000392211 C23 2.31822 1.15515 [1,1,0] 1.68463 1.20168 1.15515	0.010503 0.270468 [1,1,0] 5.54545 0.180842 0.223852 0.156324 0 5.38707 C24 1.5708 1.5708 [0,1,0] 0.5 9.99024 84.0377	10 6.5e-05 [0,1,0] 0.33279 53.4448 1011 196.343 0 35.897 C25 0.001044 0.001893 [0,0,1] 0.000679755 0.0018936 0.002729	24.5248 27.9213 [1,0,0] 4450.13 27.6043 36.5841 4.22618 0 4449.82 C26 0.010503 0.223952 [1,1,0] 5.54544 0.160651 0.364624	0.116581 0.085835 [0,1,0] 0.222239 0.169752 0.012507 0.0829335 12 0.27258 C27 49.25 0.000119 [0,1,0] 0.332647 3.94011 2.9e-05	2.99005 2.98973 [0,1,0] 0.333308 2.98985 2.98989 0.000136516 0 0.3333286 C28 31.255 53.4349 [1,0,0] 4452.2 46.3609 52.2942