$\varepsilon LDE\phi_1$

Problem	C01	C02	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
Median	0	0	0.009865	36.6033	0	1.12767	9.27659
c	[0,1,0]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0.5	0	4.78052	0	4422.4	0	0
Mean	0	0	0.176356	39.0846	0	1.11129	25.738
Worst	0	0	0.109603	45.4678	0	1.34607	64.6196
STD	0	0	0.442522	11.4963	0	0.146052	34.3342
SR	0	100	0	60	0	100	80
vio	0.5	0	8.86801	8.61737	4422.4	0	0.377064
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	0	0	0	0	0.009865	36.6009	0
Median	0	0	0	0	1.02971	86.5985	0
c	[0,0,0]	[1,1,0]	[0,1,0]	[0,0,0]	[2,0,0]	[1,0,0]	[1,0,0]
v	0	2.5	0.5	0	46.471	572.297	4422.4
Mean	0	0	0	0	0.785519	70.2279	0
Worst	0	0	0	0	1.18484	17.4468	0
STD	0	0	0	0	0.473714	45.4938	0
SR	100	0	0	100	0	20	0
vio	0	2.5	0.5	0	91.2771	845.48	4422.4

$\varepsilon LDE\ SHADE\phi_1$

Problem	C01	C02	C03	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	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	-341.837
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[0,6,0]	[0,0,0]
v	0	0	0	0	0	0.101659	0
Mean	3.84e-06	6.124e-05	62267.6	13.8667	2.71927	830.569	-305.402
Worst	3.5e-05	0.001482	23213.4	15.3068	5.06171	3352.02	-249.542
STD	9.15502e-06	0.000290091	68050.6	0.359981	1.63016	649.19	102.05
SR	100	100	56	100	100	28	88
vio	0	0	0.000309862	0	0	0.0987047	3.34428e-05
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**
Best	14.9225	39.2698	0.009865	36.5982	1e-06	0.03176	3.9879
Median	21.2056	69.1149	0.009865	937	0.006729	0.10831	3.98792
c	[0,0,1]	[0,0,0]	[1,1,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	8.6142e-05	0	4.78052	0	4422.4	0	0
Mean	17.0589	63.2089	0.02729	123.184	0.0025518	0.126538	4.2173
Worst	18.0671	75.3984	0.445489	27.734	0.001556	0.295767	7.88918
STD	2.46886	9.46952	0.0853645	236.564	0.00677231	0.0742091	0.830989
SR	36	84	0	52	0	100	100
vio	0.000220925	1.11144e-05	4.94929	0.00814945	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	0.001111	2.94485	8.63931	39.27	0.009865	36.5979	6.4e-05
Median	0.191348	3.5109	14.9225	64.4025	0.42101	36.5933	0.001486
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[2,0,0]	[0,0,1]	[1,0,0]
v	0	0	0	0	6.08681	0.00015198	4422.4
Mean	6.39499	3.47062	14.0429	60.2557	0.230951	103.692	0.00016556
Worst	62.5457	3.89954	21.2057	51.8365	0.007396	112.757	3.1e-05
STD	16.0038	0.255507	2.74165	11.3609	0.290195	215.817	0.000276893
SR	100	100	100	84	0	44	0
vio	0	0	0	1.06617e-05	6.69161	7.7057	4422.4

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

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**
Best	2.35612	1.57066	0.009865	36.6314	0.001935	0.031266	3.98837
Median	18.0641	1.57066	0.009865	36.6906	0.001633	0.205676	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	4.78053	0	4422.4	0	0
Mean	8.89058	1.57066	0.0433109	36.7141	0.00866264	0.183758	3.98868
Worst	21.2026	1.57066	0.007396	37.3048	0.143302	0.360148	3.98915
STD	7.04806	2.3644e-06	0.164355	0.124246	0.027513	0.0775433	0.00020131
SR	52	100	0	100	0	100	100
vio	0.000196245	0	5.18688	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	8e-06	2.40492	2.35612	1.57066	0.009857	37.0389	0.078395
Median	2.4e-05	2.79794	2.35616	1.57066	0.301396	37.6115	0.077659
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
Mean	2.784e-05	2.82292	5.49772	1.57066	0.358196	37.8984	1.36667
Worst	6.1e-05	3.14116	14.9225	1.57067	0.925482	39.9408	14.6742
STD	1.45373e-05	0.188396	3.87321	1.9653e-06	0.317576	0.743676	4.35561
SR	100	100	100	100	0	100	0
vio	0	0	0	0	10.4581	0	4422.93

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

Problem	C01	C02	C03	C04	C05	C06	C07
Best	0	0	0	13.5728	0	0	-465.26
Median	0	0	0	13.5728	0	0	-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
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	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
Mean	2.96e-06	2.58028	3.14153	1.57066	0.54548	38.2545	4.34377
Worst	6e-06	3.0247	0.000234	1.57066	0.868694	45.0261	10.9151
STD	1.21589e-06	0.159286	1.9869	0	0.396068	1.76419	7.11126
SR	100	100	96	100	0	100	0
vio	0	0	0.0200046	0	10.2598	0	4424.27

Polinomial

$\varepsilon LDE\phi_1$

Problem	C01	C02	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
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	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
Problem	**C15**	**C16**	**C17**	**C18**	**C19**	**C20**	**C21**
Best	0	0	0.009865	36.599	0	0.446225	3.9879
Median	0	0	0.420675	36.6051	0	0.829565	3.98931
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	6.0649	0	4422.4	0	0
Mean	0	0	0.18691	36.6042	0	0.838505	10.3116
Worst	0	0	0.04822	36.6102	0	1.12169	39.6544
STD	0	0	0.250587	0.00323353	0	0.166415	9.93198
SR	0	100	0	100	0	100	100
vio	0.5	0	7.75505	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	0	2.66567	0	0	0.009865	36.6002	1e-06
Median	0	3.50309	0	0	0.420675	36.6072	2e-06
c	[0,0,0]	[0,0,0]	[0,1,0]	[0,0,0]	[2,0,0]	[0,0,0]	[1,0,0]
v	0	0	0.5	0	6.0651	0	4422.4
Mean	0	3.46315	0	0	0.221546	36.6071	1.36e-06
Worst	0	3.95544	0	0	0.601986	36.6242	1e-06
STD	0	0.322365	0	0	0.2509	0.00461709	6.2482e-07
SR	100	100	0	100	0	100	0
vio	0	0	0.5	0	7.43957	0	4422.4

$\varepsilon LDE\ SHADE\phi_1$

Problem	C01	C02	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
vio	0	0	0	1.10131e-05	0	0	0
Problem	**C15**	**C16**	**C17**	**C18**	**C19**	**C20**	**C21**
Best	5e-06	0	0.009865	36.598	0.000899	0.111006	3.9879
Median	7e-06	2e-06	0.777114	36.6014	0.002324	0.369288	3.98799
c	[1,0,0]	[0,0,0]	[2,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0.500005	0	9	0	4422.4	0	0
Mean	7.24e-06	2.24e-06	0.294432	36.6029	0.00213956	0.346611	10.6427
Worst	1.8e-05	1e-05	0.868696	36.6222	0.001402	0.584964	39.6545
STD	4.54559e-06	2.4377e-06	0.327207	0.00474756	0.00122324	0.124402	8.97521
SR	0	100	0	100	0	100	100
vio	0.500003	0	7.98222	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	0	2.37633	2e-06	1e-06	0.009865	36.5981	0.003026
Median	0	2.41595	9e-06	1.6e-05	0.335565	36.603	10.7314
c	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[2,0,0]	[0,0,0]	[1,0,0]
v	0	0	0.500005	0	11	0	4425.73
Mean	1.11022	2.54713	7.4e-06	2.964e-05	0.281398	37.2912	8.03284
Worst	23.7689	3.17354	2e-05	9.6e-05	0.173503	44.2567	21.733
STD	4.69058	0.226281	4.80833e-06	3.08841e-05	0.300307	1.80932	8.03351
SR	100	100	0	100	0	100	0
vio	0	0	0.500003	0	10.4417	0	4425.6

$\varepsilon LDE\ EDM\phi_1$

Problem	C01	C02	C03	C04	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
Median	14.9225	62.8319	0.009865	40.9926	0.037932	0.111002	3.98845
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	4.78055	0	4422.4	0	0
Mean	13.2889	59.062	0.009865	109.793	0.0297009	0.113675	3.98849
Worst	14.9225	75.3985	0.009865	37.8677	0.025455	0.247135	3.98917
STD	2.01061	12.5192	5.20417e-18	217.108	0.00557244	0.0494769	0.00033957
SR	100	80	0	80	0	100	100
vio	0	1.54293e-05	4.78048	3.65926e-05	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	0.000616	2.96601	11.7809	51.8364	0.009865	36.6328	0.049319
Median	0.217933	3.47868	14.9225	76.9691	0.611447	216.75	0.065347
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[2,0,0]	[0,0,1]	[1,0,0]
v	0	0	0	0	8.5731	0.000113626	4422.4
Mean	3.1345	3.44518	14.2942	69.3664	0.173455	48.3806	0.0626299
Worst	55.78	3.91918	24.3472	69.1154	0.007396	38.8439	0.055568
STD	10.8282	0.232561	2.66571	9.62865	0.253165	36.2258	0.0115624
SR	100	100	84	68	0	24	0
vio	0	0	1.53835e-05	2.60588e-05	7.60595	1.26084	4422.4

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

Problem	C01	C02	C03	C04	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	-0.000476	-0.004971	0.000188	-38.6089	3.98997	1.3e-05	2.4104
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
Mean	-0.00050036	1.1709	0.0001794	-37.9676	3.99	1.444e-05	2.49102
Worst	-0.000356	12.7037	0.000398	-98.6103	3.99148	4.2e-05	3.59948
STD	0.000104344	3.10884	0.000116574	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
Median	2.35612	1.57066	0.009865	38.3649	0.099458	0.187569	3.98931
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	4.78062	0	4422.4	0	0
Mean	4.24108	1.57066	0.009865	38.2258	0.103196	0.177814	3.98931
Worst	21.2057	1.57067	0.009865	40.7612	0.082625	0.290419	3.9902
STD	4.26146	4.22639e-06	5.20417e-18	1.07646	0.0116485	0.0695488	0.000418023
SR	100	100	0	100	0	100	100
vio	0	0	4.78066	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	8e-06	2.55112	2.35612	1.57066	0.009857	37.3412	0.12709
Median	3.9e-05	2.90548	2.35612	1.57066	0.835446	39.2399	0.140684
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
Mean	4.704e-05	2.91796	3.92704	1.57066	0.470817	39.6932	1.6353
Worst	9.1e-05	3.19329	0.001494	1.57067	0.885057	45.9463	18.0533
STD	2.47911e-05	0.171277	3.49113	3.58887e-06	0.330877	2.00873	5.09411
SR	100	100	92	100	0	100	0
vio	0	0	0.0400574	0	9.98632	0	4422.93

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

Problem	C01	C02	C03	C04	C05	C06	C07
Best	0	0	0	13.5728	0	1e-06	-474.252
Median	0	0	0	13.5728	0	3e-06	-439.178
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	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	1.19427	0.0822242	37.2034	0.0705975	0.155621	3.98863
Worst	0.000389	0.00234	0.313123	41.5768	0.04751	0.380618	3.98895
STD	6.78566	1.27788	0.146823	1.21124	0.010894	0.0791709	0.000184515
SR	92	64	0	100	0	100	100
vio	0.0400154	0.000198893	5.50675	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	2e-06	2.47326	2.35612	1.57066	0.009865	37.2966	0.106349
Median	6e-06	2.68364	2.35612	1.57066	0.422222	39.2058	0.084238
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
Mean	0.478396	2.69042	4.08408	1.57066	0.28665	39.9247	5.4445
Worst	3.98659	3.1045	0.000763	1.57066	0.990011	47.3617	19.032
STD	1.29548	0.137784	4.87194	1.67332e-06	0.371846	2.51672	8.89458
SR	100	100	88	100	0	100	0
vio	0	0	0.0600358	0	10.0363	0	4424.27

ϕ_2

$\varepsilon LDE\phi_2$

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	C03	C04	C05	C06	C07
Best	0	0	0	171.546	0	0	-438.917
Median	0	0	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**
Best	5e-06	0	1.19684	36.6864	0.00355	0.074004	3.9879
Median	7e-06	2e-06	0.014896	37.4229	0.001826	0.3179	3.98797
c	[1,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[0,0,0]
v	0.500005	0	4.5	0	4422.4	0	0
Mean	7.24e-06	2.24e-06	0.496483	37.9761	0.00258508	0.332895	9.89086
Worst	1.8e-05	1e-05	0.013543	41.1552	0.003003	0.621671	39.6545
STD	4.54559e-06	2.4377e-06	0.572665	1.12162	0.00164888	0.153765	8.71
SR	0	100	0	100	0	100	100
vio	0.500003	0	4.9	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	0	2.38054	2e-06	1e-06	1.25467	36.6839	0.012987
Median	0	2.40086	9e-06	1.6e-05	0.015586	38.2443	9.84027
c	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]
v	0	0	0.500005	0	4.5	0	4425.73
Mean	1.11003	2.47909	7.4e-06	2.964e-05	0.904442	40.3518	8.23044
Worst	23.7642	3.29742	2e-05	9.6e-05	0.901473	50.8881	19.5039
STD	4.68967	0.187222	4.80833e-06	3.08841e-05	0.397832	4.05755	7.64915
SR	100	100	0	100	0	100	0
vio	0	0	0.500003	0	4.9	0	4425.73

$\varepsilon LDE\ EDM\phi_2$

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	21.2057	76.9687	1.02738	73.5	0.030381	0.401269	3.98917
STD	2.12517	8.01049	0.280273	8.87197	0.00778531	0.0966756	0.000360685
SR	100	92	0	100	0	100	100
vio	0	6.86876e-06	5.10003	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	3.6e-05	3.16626	11.781	51.8361	1.36962	36.6711	0.06021
Median	0.008045	3.78029	18.0641	69.115	1.02012	38.1981	0.068142
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]
v	0	0	0	0	5.5	0	4422.4
Mean	5.20081	3.70877	17.1845	69.6805	1.06495	41.1421	0.0651502
Worst	67.8639	4.05247	24.3473	83.252	1.00971	79.6499	0.068107
STD	16.2379	0.237827	2.88205	9.51733	0.22217	9.19334	0.0146346
SR	100	100	100	96	0	80	0
vio	0	0	0	2.35334e-06	5.26008	0.871678	4422.4

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

Problem	C01	C02	C03	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
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	1.69252	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
Median	2.35619	1.5708	0.07969	47.2071	0.097768	0.188398	3.98931
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	4.5	0	4422.4	0	0
Mean	5.1208	1.5708	0.100881	47.181	0.100872	0.19403	3.98925
Worst	21.2057	1.5708	0.14934	55.5968	0.100632	0.467768	3.98991
STD	5.3551	3.11024e-06	0.052397	4.52722	0.0138088	0.106934	0.000376684
SR	100	100	0	100	0	100	100
vio	0	0	4.5	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	1.1e-05	2.73306	2.35619	1.57079	1.27362	38.9768	0.13551
Median	5.6e-05	3.44418	14.9226	1.5708	0.964437	49.3328	0.150662
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]
v	0	0	0	0	4.5	0	4422.4
Mean	0.318985	3.41641	9.70764	1.5708	1.15817	48.6343	1.55509
Worst	3.98666	4.14809	0.001494	1.57081	0.477082	55.2283	21.0274
STD	1.08153	0.387157	5.69762	3.46087e-06	0.350122	4.64097	4.8842
SR	100	100	92	100	0	100	0
vio	0	0	0.0400574	0	4.82	0	4422.93

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

Problem	C01	C02	C03	C04	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	-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**
Best	2.35619	1.57079	0.046676	38.9741	0.076481	0.043599	3.98821
Median	8.63938	1.5708	0.028416	47.7931	0.077108	0.184197	3.98865
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	4.5	0	4422.4	0	0
Mean	8.19959	1.75985	0.178358	47.5749	0.0746321	0.193783	3.98864
Worst	0.000389	0.00234	0.028266	55.7703	0.058196	0.444945	3.98905
STD	7.76256	3.88111	0.306346	3.479	0.00993736	0.103838	0.00021085
SR	92	64	0	100	0	100	100
vio	0.0400154	0.000198893	4.66	0	4422.4	0	0
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	2e-06	2.62026	2.35619	1.57079	1.5763	37.5884	0.108345
Median	7e-06	2.89999	14.9226	1.5708	0.600945	48.6892	0.108544
c	[0,0,0]	[0,0,0]	[0,0,0]	[0,0,0]	[1,0,0]	[0,0,0]	[1,0,0]
v	0	0	0	0	5.5	0	4422.4
Mean	7.56e-06	2.96404	9.61334	1.5708	0.705782	47.5908	3.9862
Worst	2.2e-05	3.80969	0.000763	1.5708	0.745428	55.5602	19.0084
STD	4.5614e-06	0.254467	7.0046	1.41082e-06	0.382024	5.75566	7.87174
SR	100	100	88	100	0	100	0
vio	0	0	0.0600358	0	5.18	0	4423.73

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**
Best	1.5708	0.000759	0.010503	10	24.5248	0.116581	2.99005
Median	1.5708	0.001087	0.270468	6.5e-05	27.9213	0.085835	2.98973
c	[0,1,0]	[0,0,1]	[1,1,0]	[0,1,0]	[1,0,0]	[0,1,0]	[0,1,0]
v	0.5	0.000390237	5.54545	0.33279	4450.13	0.222239	0.333308
Mean	1.5708	0.001092	0.180842	53.4448	27.6043	0.169752	2.98985
Worst	1.5708	0.001505	0.223852	1011	36.5841	0.012507	2.98989
STD	4.44089e-16	0.000182211	0.156324	196.343	4.22618	0.0829335	0.000136516
SR	0	0	0	0	0	12	0
vio	0.5	0.000392211	5.38707	35.897	4449.82	0.27258	0.333286
Problem	**C22**	**C23**	**C24**	**C25**	**C26**	**C27**	**C28**
Best	1e-06	2.31822	1.5708	0.001044	0.010503	49.25	31.255
Median	4e-06	1.15515	1.5708	0.001893	0.223952	0.000119	53.4349
c	[0,0,0]	[1,1,0]	[0,1,0]	[0,0,1]	[1,1,0]	[0,1,0]	[1,0,0]
v	0	1.68463	0.5	0.000679755	5.54544	0.332647	4452.2
Mean	760191	1.20168	9.99024	0.0018936	0.160651	3.94011	46.3609
Worst	1.60514e+07	1.15515	84.0377	0.002729	0.364624	2.9e-05	52.2942
STD	3.1569e+06	0.227913	21.4338	0.000438412	0.103854	13.3612	7.42179
SR	76	0	0	0	0	0	0
vio	69.8881	1.67991	495.386	0.000680062	5.46625	0.328841	4451.81