f(x,y)=cos(2x+y)+sin(x-2y) +3
part(f,x)=-2sin(2x+y)+cos(x-2y)
part(f,y)=-sin(2x+y)-2cos(x-2y)

x	y	f(x,y)	part(f,x)	part(f,y)	delta x	delta y	part(f,x)*delta x	part(f,y)*delta y	f(x,y)+part(f,x)*delta x	f(x,y)+part(f,y)*delta y	f(x,y)+part(f,x)*delta x +part(f,y)*delta y		
0	0	4.000	1.000	-2.000	0.5	0.5	0.500	-1.000	4.500	3.000	3.500	**(0.0,0.0,4.00)**	**(0.5,0.0,4.50)**
0	0.5	3.036	-0.419	-1.560	0.5	0.5	-0.209	-0.780	2.827	2.256	2.047	**(0.0,0.5,3.04)**	**(0.5,0.5,2.83)**
0	1	2.631	-2.099	-0.009	0.5	0.5	-1.050	-0.005	1.581	2.626	1.577	**(0.0,1.0,2.63)**	**(0.5,1.0,1.58)**
0	1.5	2.930	-2.985	0.982	0.5	0.5	-1.492	0.491	1.437	3.421	1.928	**(0.0,1.5,2.93)**	**(0.5,1.5,1.44)**
0	2	3.341	-2.472	0.398	0.5	0.5	-1.236	0.199	2.105	3.540	2.304	**(0.0,2.0,3.34)**	**(0.5,2.0,2.10)**
0.5	0	4.020	-0.805	-2.597	0.5	0.5	-0.403	-1.298	3.617	2.721	2.319	**(0.5,0.0,4.02)**	**(1.0,0.0,3.62)**
0.5	0.5	2.591	-1.117	-2.753	0.5	0.5	-0.559	-1.376	2.033	1.215	0.656	**(0.5,0.5,2.59)**	**(1.0,0.5,2.03)**
0.5	1	1.586	-1.748	-1.051	0.5	0.5	-0.874	-0.525	0.712	1.061	0.187	**(0.5,1.0,1.59)**	**(1.0,1.0,0.71)**
0.5	1.5	1.600	-1.998	1.004	0.5	0.5	-0.999	0.502	0.601	2.102	1.103	**(0.5,1.5,1.60)**	**(1.0,1.5,0.60)**
0.5	2	2.361	-1.219	1.732	0.5	0.5	-0.609	0.866	1.751	3.227	2.617	**(0.5,2.0,2.36)**	**(1.0,2.0,1.75)**
1	0	3.425	-1.278	-1.990	0.5	0.5	-0.639	-0.995	2.786	2.430	1.791	**(1.0,0.0,3.43)**	**(1.5,0.0,2.79)**
1	0.5	2.199	-0.197	-2.598	0.5	0.5	-0.098	-1.299	2.100	0.900	0.801	**(1.0,0.5,2.20)**	**(1.5,0.5,2.10)**
1	1	1.169	0.258	-1.222	0.5	0.5	0.129	-0.611	1.298	0.558	0.687	**(1.0,1.0,1.17)**	**(1.5,1.0,1.30)**
1	1.5	1.154	0.285	1.183	0.5	0.5	0.143	0.592	1.297	1.746	1.888	**(1.0,1.5,1.15)**	**(1.5,1.5,1.30)**
1	2	2.205	0.524	2.737	0.5	0.5	0.262	1.368	2.467	3.574	3.835	**(1.0,2.0,2.21)**	**(1.5,2.0,2.47)**
1.5	0	3.008	-0.212	-0.283	0.5	0.5	-0.106	-0.141	2.902	2.866	2.760	**(1.5,0.0,3.01)**	**(2.0,0.0,2.90)**
1.5	0.5	2.543	1.579	-1.404	0.5	0.5	0.790	-0.702	3.333	1.841	2.630	**(1.5,0.5,2.54)**	**(2.0,0.5,3.33)**
1.5	1	1.867	2.391	-0.998	0.5	0.5	1.196	-0.499	3.063	1.368	2.563	**(1.5,1.0,1.87)**	**(2.0,1.0,3.06)**
1.5	1.5	1.792	2.026	0.836	0.5	0.5	1.013	0.418	2.805	2.210	3.223	**(1.5,1.5,1.79)**	**(2.0,1.5,2.80)**
1.5	2	2.685	1.117	2.561	0.5	0.5	0.558	1.281	3.244	3.966	4.524	**(1.5,2.0,2.69)**	**(2.0,2.0,3.24)**
2	0	3.256	1.097	1.589	0.5	0.5	0.549	0.795	3.804	4.050	4.599	**(2.0,0.0,3.26)**	**(2.5,0.0,3.80)**
2	0.5	3.631	2.495	-0.103	0.5	0.5	1.248	-0.052	4.878	3.579	4.827	**(2.0,0.5,3.63)**	**(2.5,0.5,4.88)**
2	1	3.284	2.918	-1.041	0.5	0.5	1.459	-0.521	4.743	2.763	4.222	**(2.0,1.0,3.28)**	**(2.5,1.0,4.74)**
2	1.5	2.867	1.951	-0.375	0.5	0.5	0.976	-0.188	3.843	2.680	3.655	**(2.0,1.5,2.87)**	**(2.5,1.5,3.84)**
2	2	3.051	0.143	1.112	0.5	0.5	0.071	0.556	3.122	3.607	3.678	**(2.0,2.0,3.05)**	**(2.5,2.0,3.12)**
2.5	0	3.882	1.117	2.561	0.5	0.5	0.558	1.281	4.440	5.163	5.721	**(2.5,0.0,3.88)**	**(3.0,0.0,4.44)**

mim val	1.154	-2.985	-2.753	0.601	0.558	0.187
max val	4.020	2.918	2.737	4.878	5.163	5.721

(0.5,0.5,3.50)	**(0.0,0.5,3.00)**
(0.5,1.0,2.05)	**(0.0,1.0,2.26)**
(0.5,1.5,1.58)	**(0.0,1.5,2.63)**
(0.5,2.0,1.93)	**(0.0,2.0,3.42)**
(0.5,2.5,2.30)	**(0.0,2.5,3.54)**
(1.0,0.5,2.32)	**(0.5,0.5,2.72)**
(1.0,1.0,0.66)	**(0.5,1.0,1.21)**
(1.0,1.5,0.19)	**(0.5,1.5,1.06)**
(1.0,2.0,1.10)	**(0.5,2.0,2.10)**
(1.0,2.5,2.62)	**(0.5,2.5,3.23)**
(1.5,0.5,1.79)	**(1.0,0.5,2.43)**
(1.5,1.0,0.80)	**(1.0,1.0,0.90)**
(1.5,1.5,0.69)	**(1.0,1.5,0.56)**
(1.5,2.0,1.89)	**(1.0,2.0,1.75)**
(1.5,2.5,3.84)	**(1.0,2.5,3.57)**
(2.0,0.5,2.76)	**(1.5,0.5,2.87)**
(2.0,1.0,2.63)	**(1.5,1.0,1.84)**
(2.0,1.5,2.56)	**(1.5,1.5,1.37)**
(2.0,2.0,3.22)	**(1.5,2.0,2.21)**
(2.0,2.5,4.52)	**(1.5,2.5,3.97)**
(2.5,0.5,4.60)	**(2.0,0.5,4.05)**
(2.5,1.0,4.83)	**(2.0,1.0,3.58)**
(2.5,1.5,4.22)	**(2.0,1.5,2.76)**
(2.5,2.0,3.66)	**(2.0,2.0,2.68)**
(2.5,2.5,3.68)	**(2.0,2.5,3.61)**
(3.0,0.5,5.72)	**(2.5,0.5,5.16)**