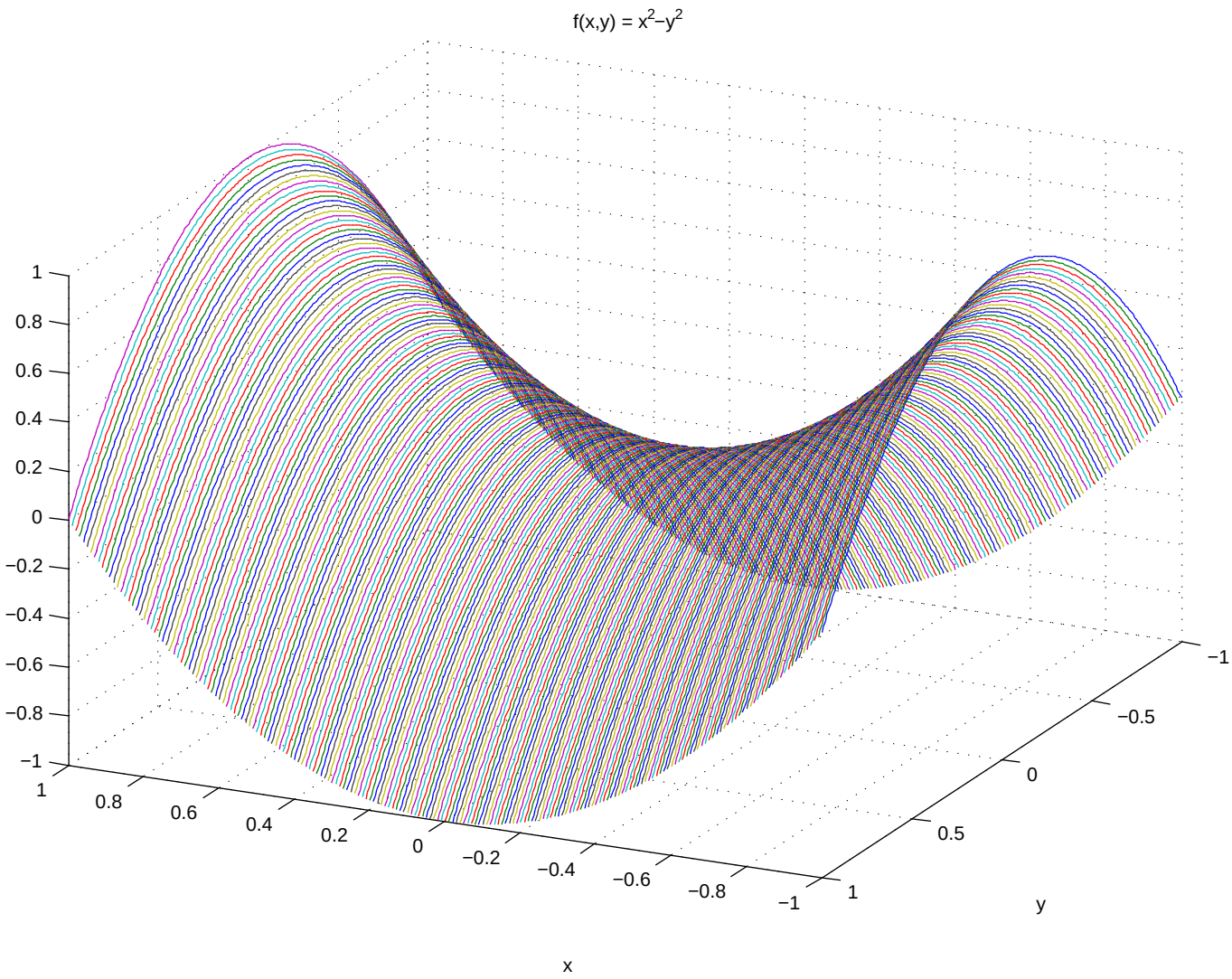
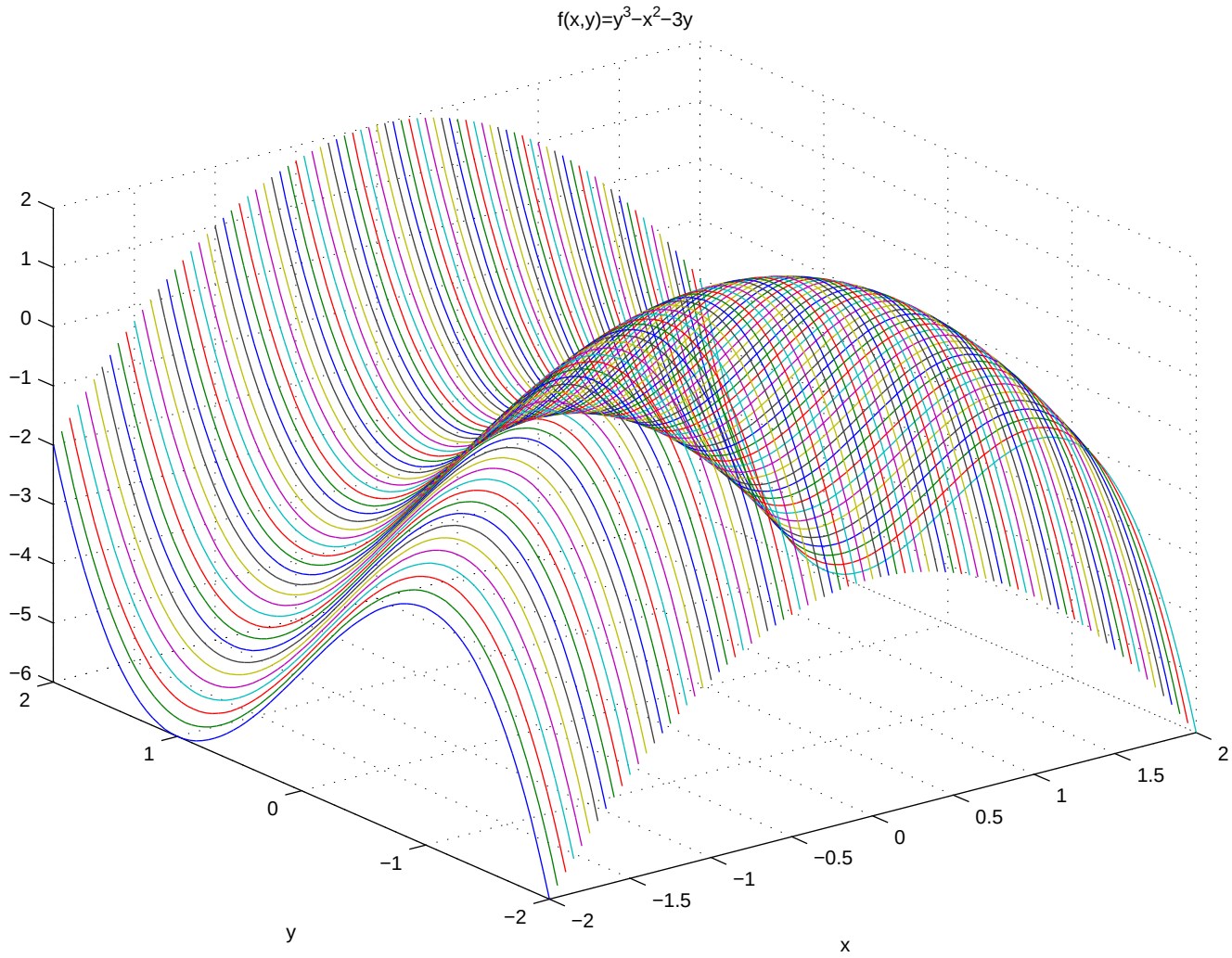
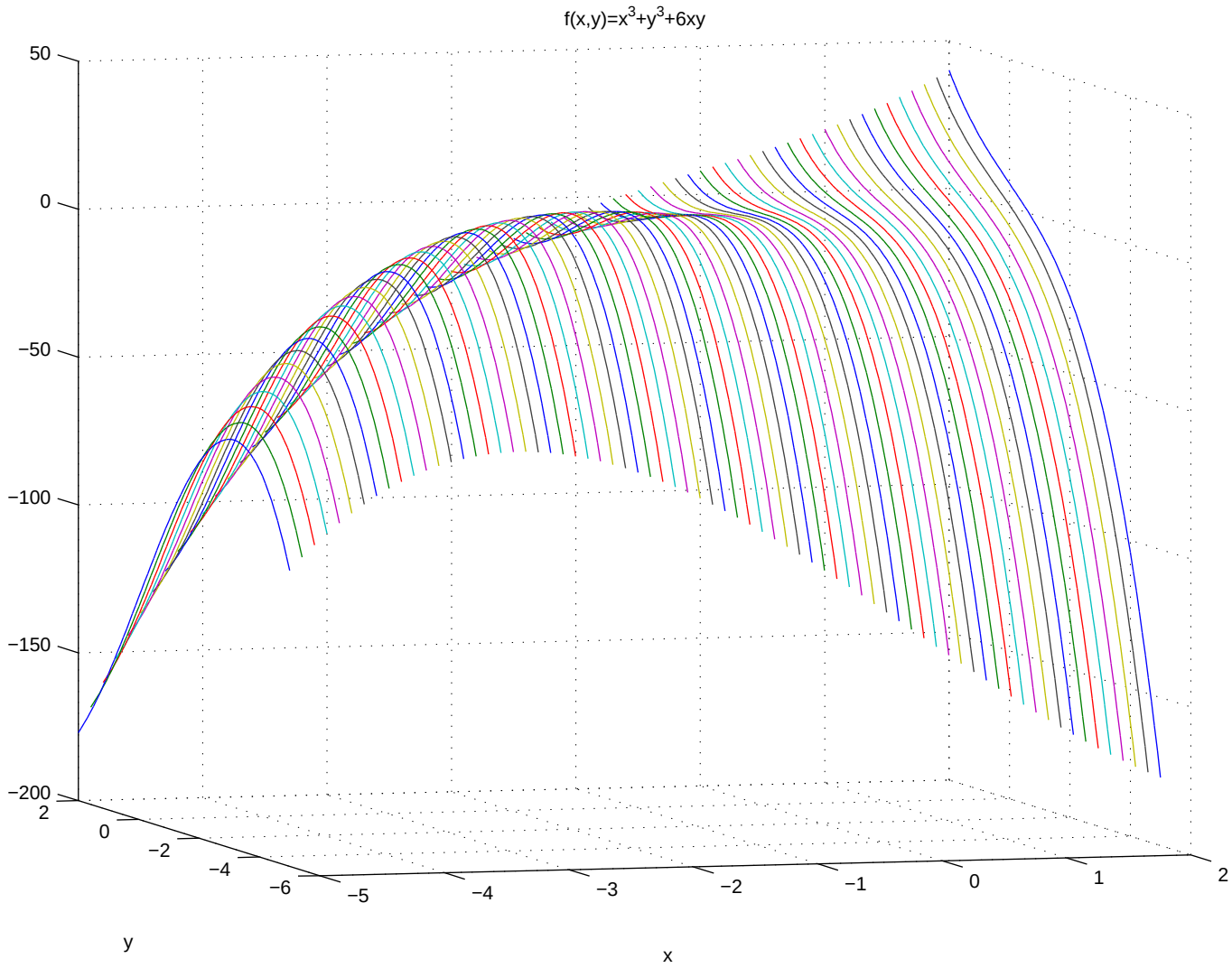
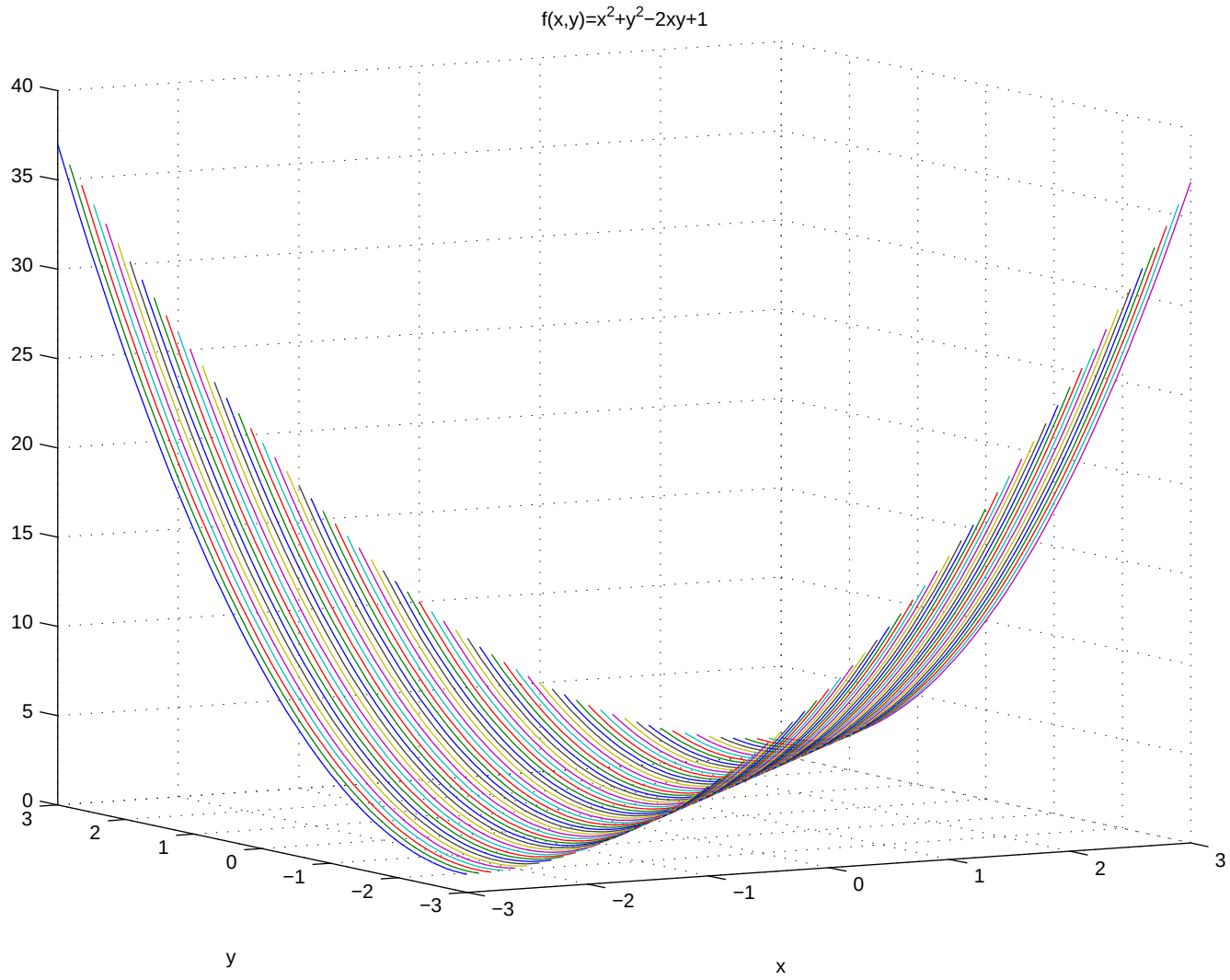
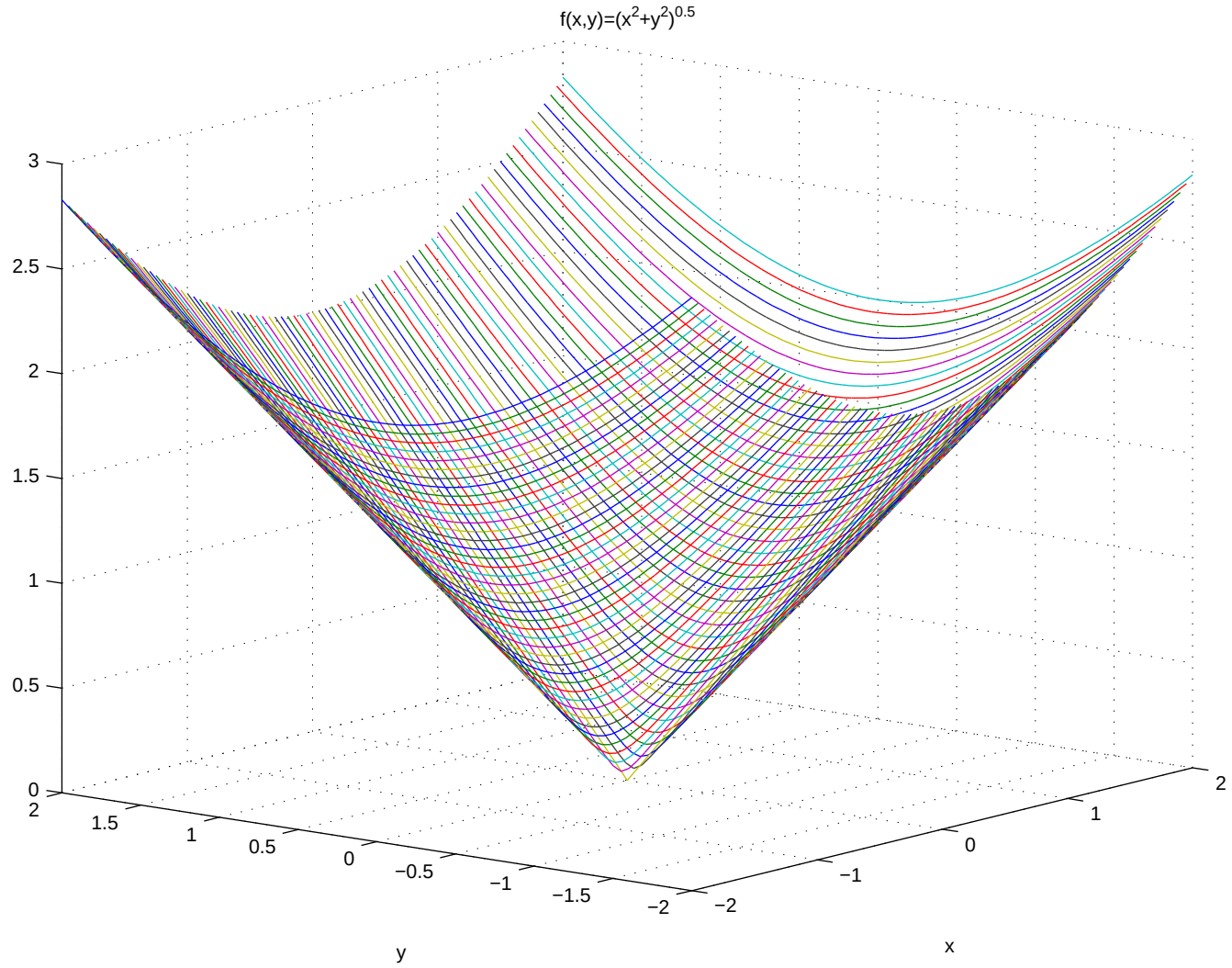

f(x,y) = x2−y2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
x
1
0.5
0
−0.5
−1
y


f(x,y)=y3−x2−3y
2
1
0
−1
−2
−3
−4
−5
−6
2
1
0
−1
−2
y
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
x


f(x,y)=x^3+y^3+6xy
50
0
−50
−100
−150
−200
2
0
−2
−4
−6
y
−5
−4
−3
−2
−1
0
1
2
x


f(x,y)=x^2+y^2−2xy+1
40
35
30
25
20
15
10
5
0
3
2
1
0
−1
−2
−3
y
−3
−2
−1
0
1
2
3
x


f(x,y)=(x^2+y^2)^0.5
3
2.5
2
1.5
1
0.5
0
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
y
−2
−1
0
1
2
x