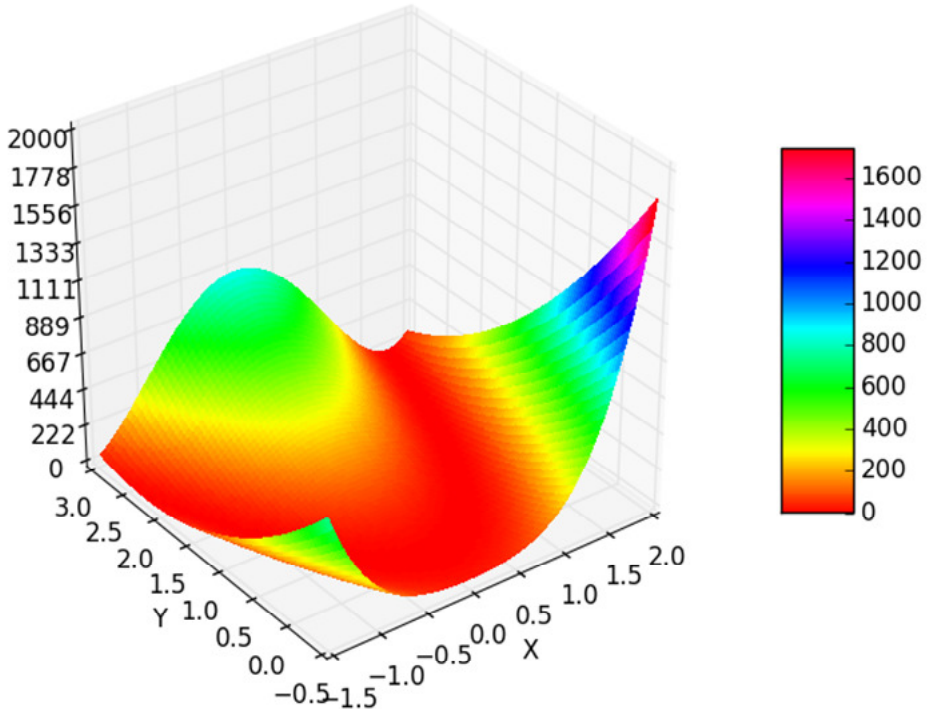
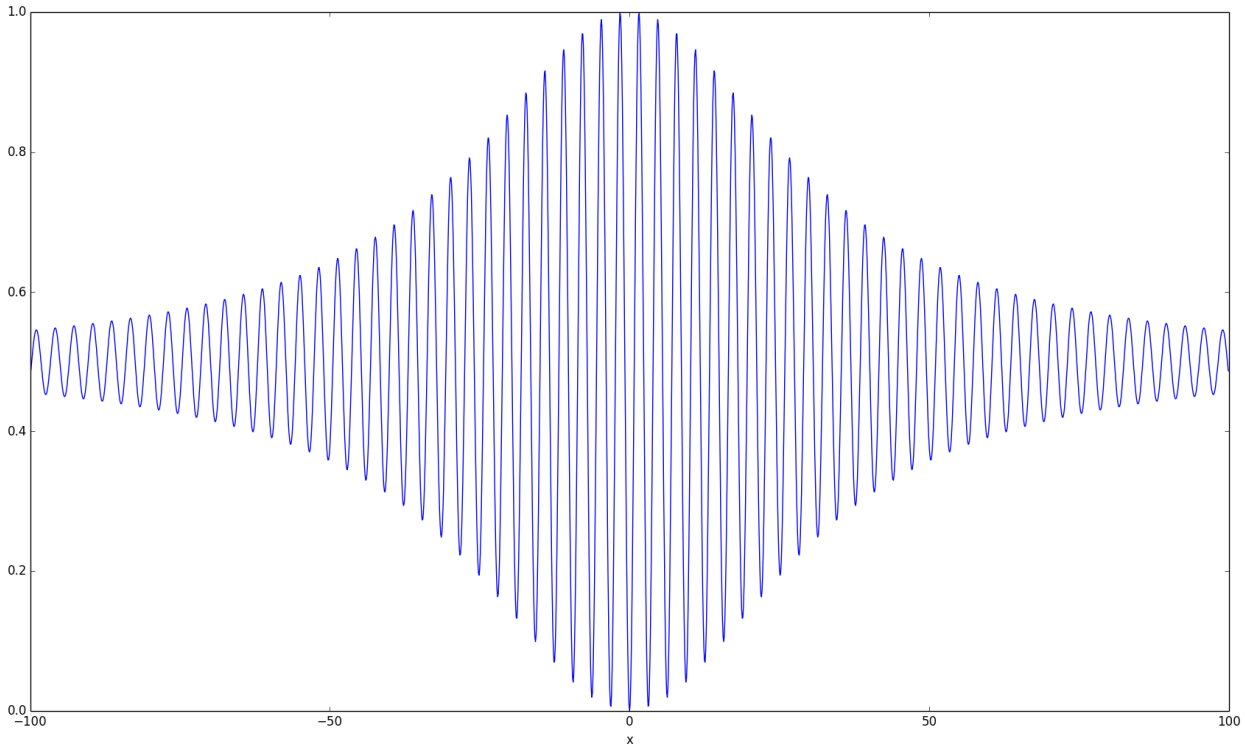
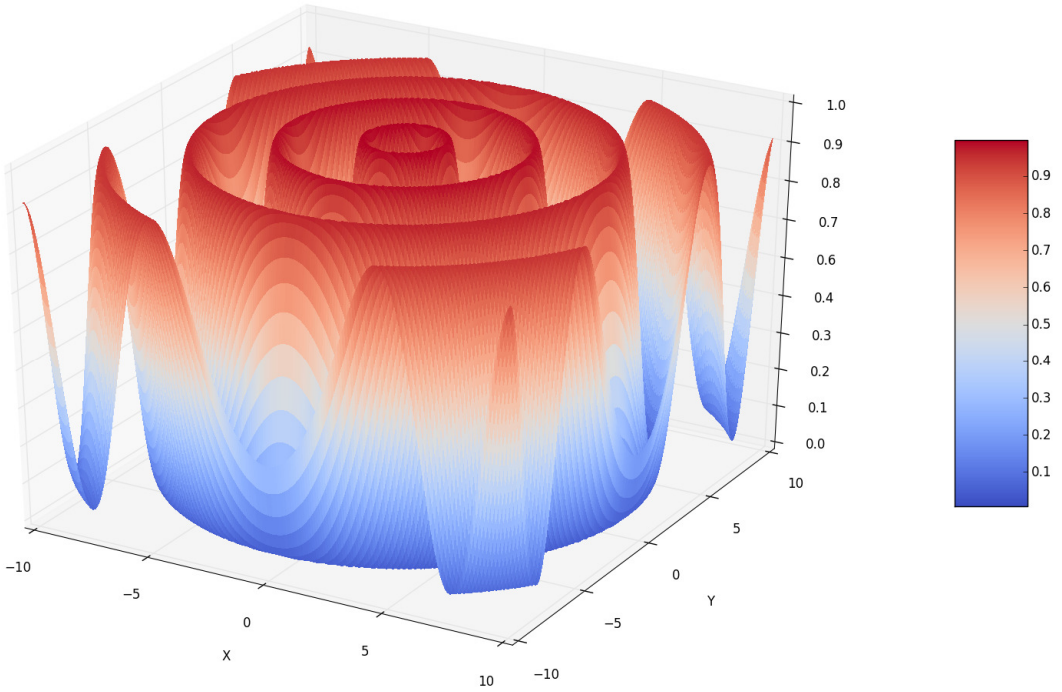
$$f_1(\mathbf{x}) = 100 \cdot \left(x_2 - x_1^{\,2}\right)^2 + \left(1 - x_1\right)^2$$



$$f_6 = 0.5 + \frac{\sin^2\sqrt{\sum x_i^2} - 0.5}{\left(1 + 0.001 \cdot \sum x_i^2\right)^2}$$

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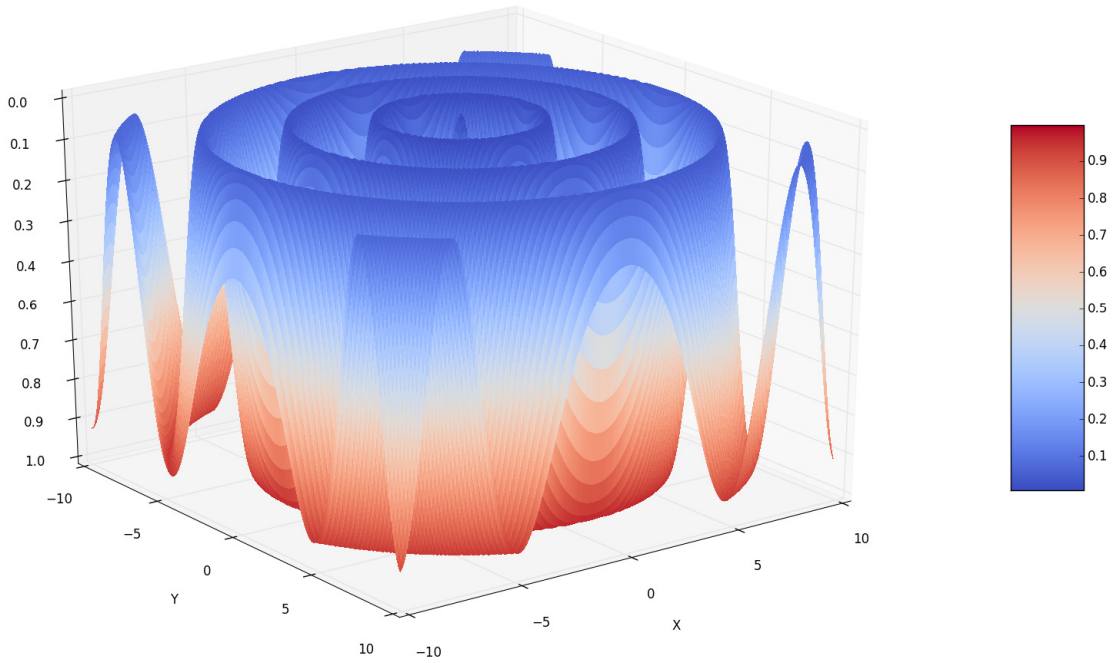
0.9
0.8
0.7
0.6
0.4
0.3
0.2
0.1
0.0
−10
−5
0
5
10
X
Y
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1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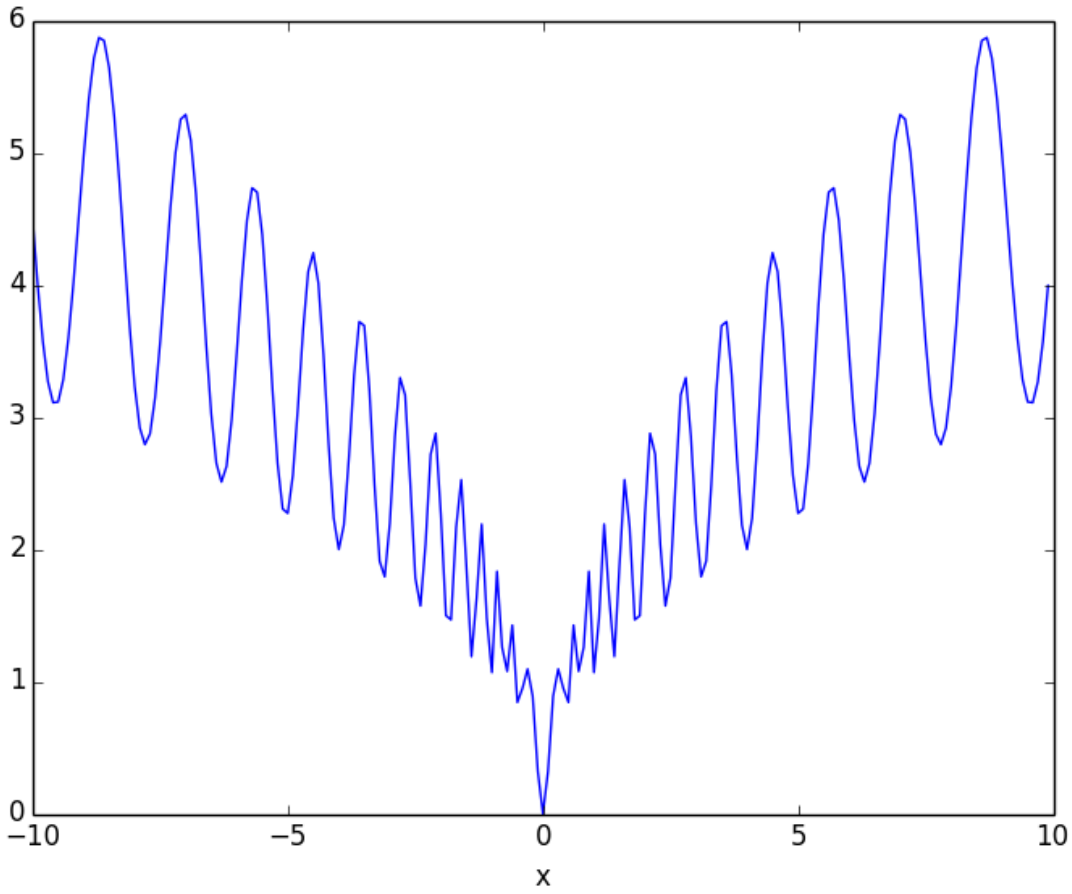
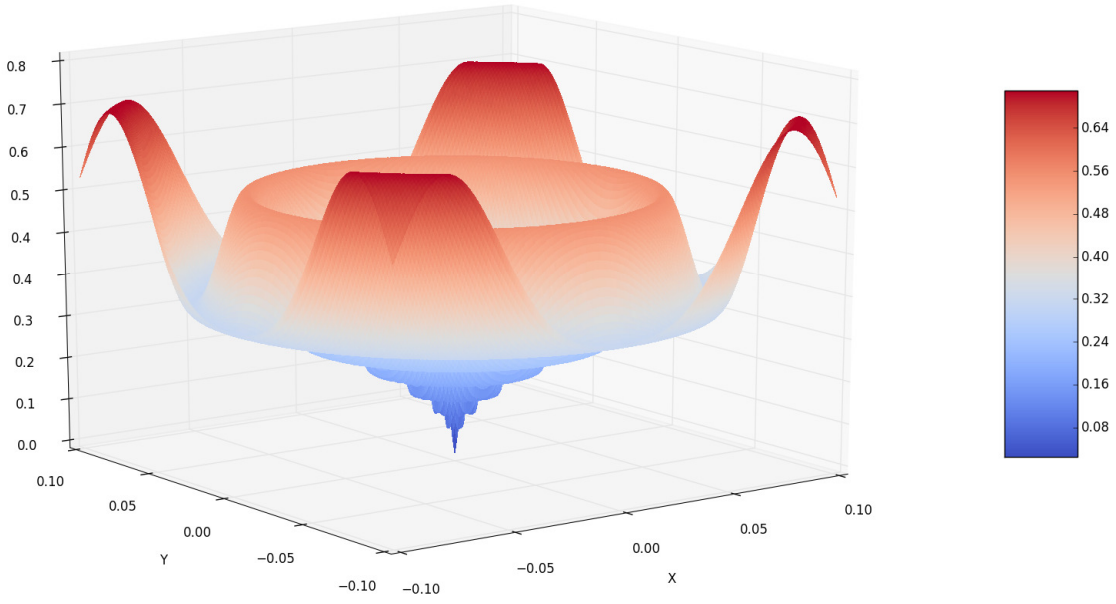
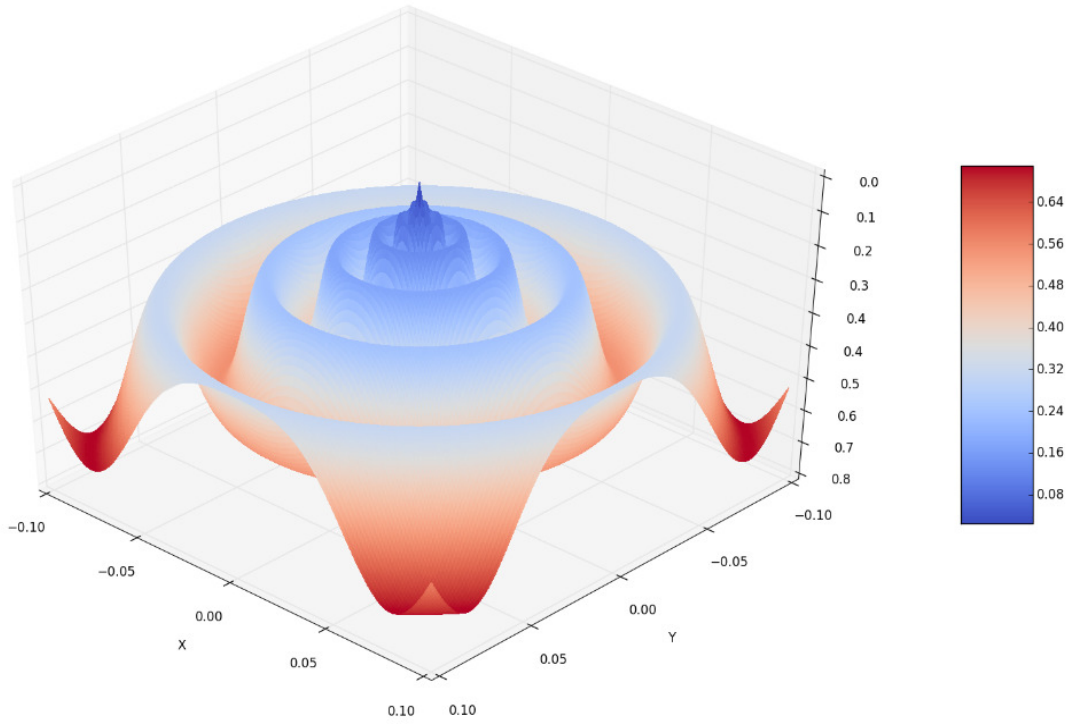
0.1
0.2
0.3
0.4
0.6
0.7
0.8
0.9
1.0
−10
−5
0
5
10
Y
X
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

$$f_7 = \left(\sum x_i^{\,2}\right)^{0.25} \cdot \left(1 + \sin^2\left(50\left(\sum x_i^{\,2}\right)^{0.1}\right)\right)$$



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0.2
0.3
0.4
0.4
0.5
0.6
0.7
0.8
−0.10
−0.05
0.00
0.05
0.10
X
Y
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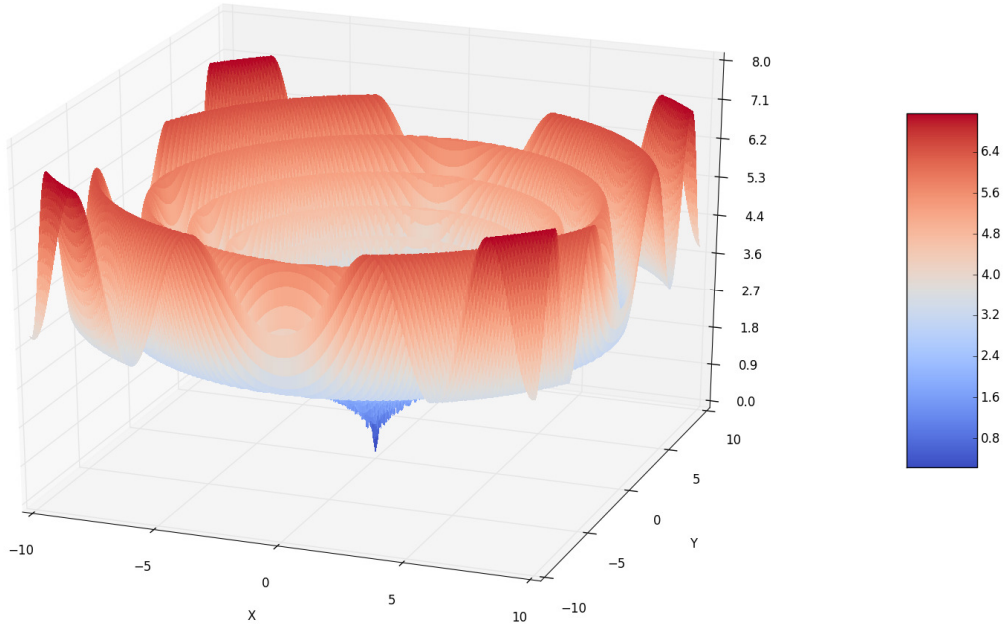
0.56
0.48
0.40
0.32
0.24
0.16
0.08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7.1
6.2
5.3
4.4
3.6
2.7
1.8
0.9
0.0
−10
−5
0
5
10
X
Y
6.4
5.6
4.8
4.0
3.2
2.4
1.6
0.8