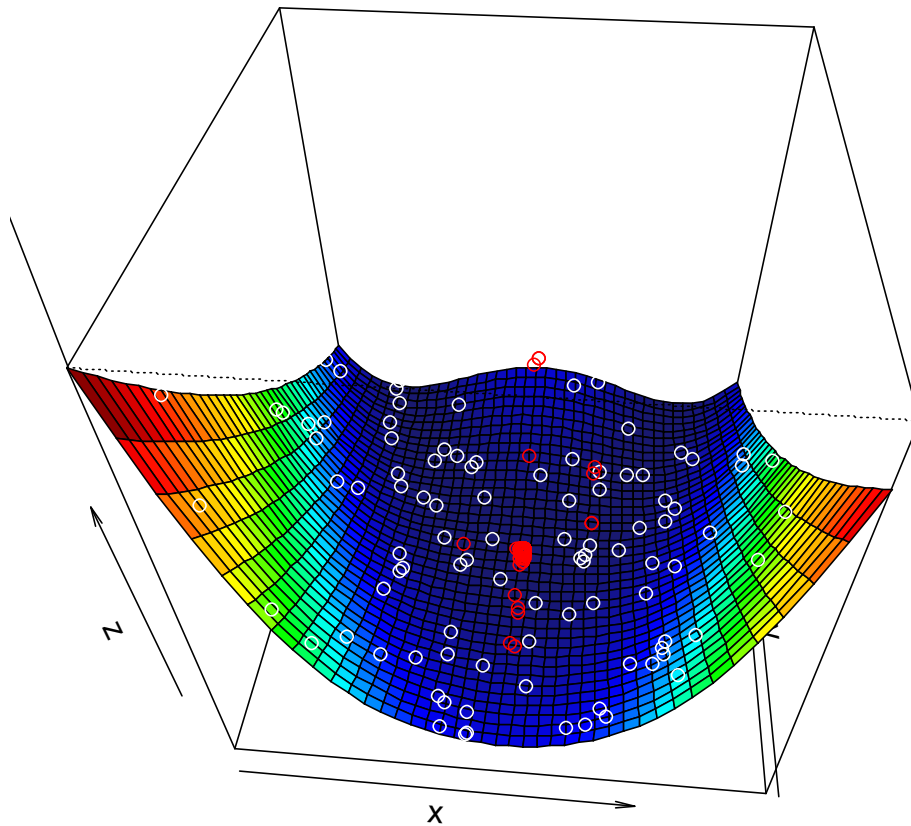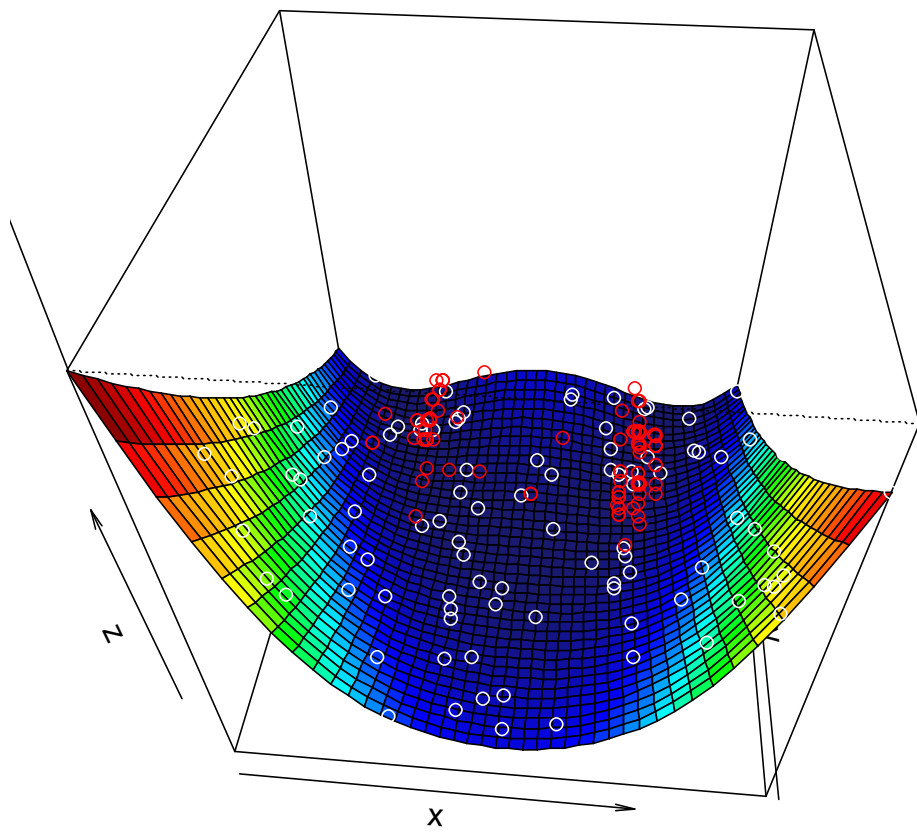In the following examples white points represent points from initial population and red points represent chromosomes from Nrg population.

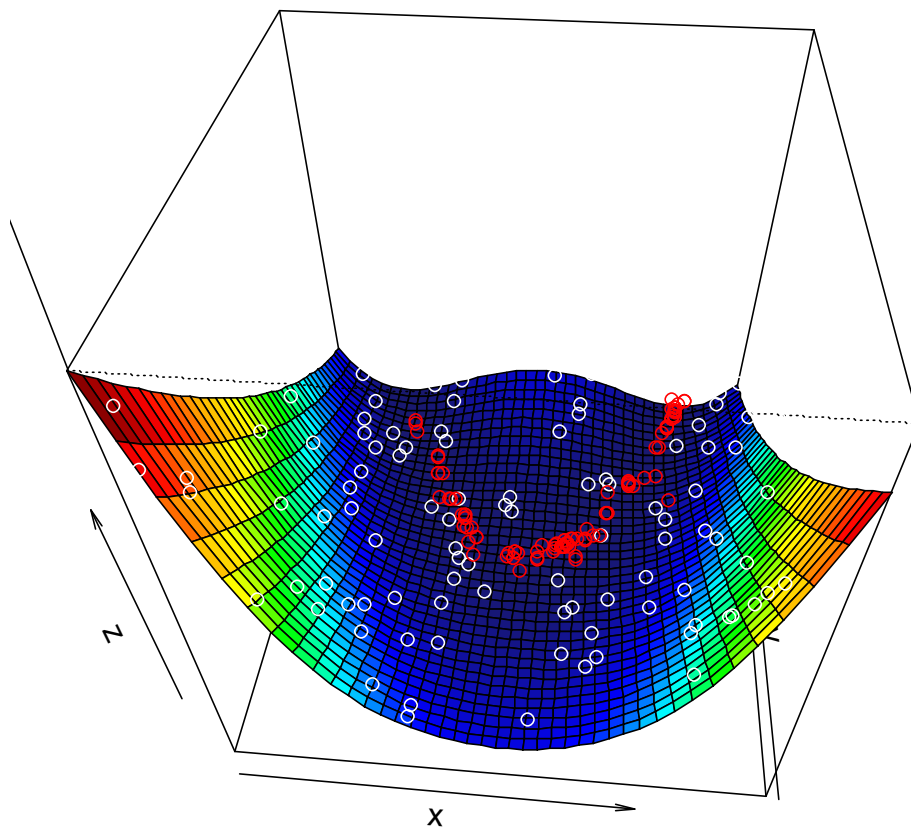## Function: RosenbrockValley; Nrg = 20

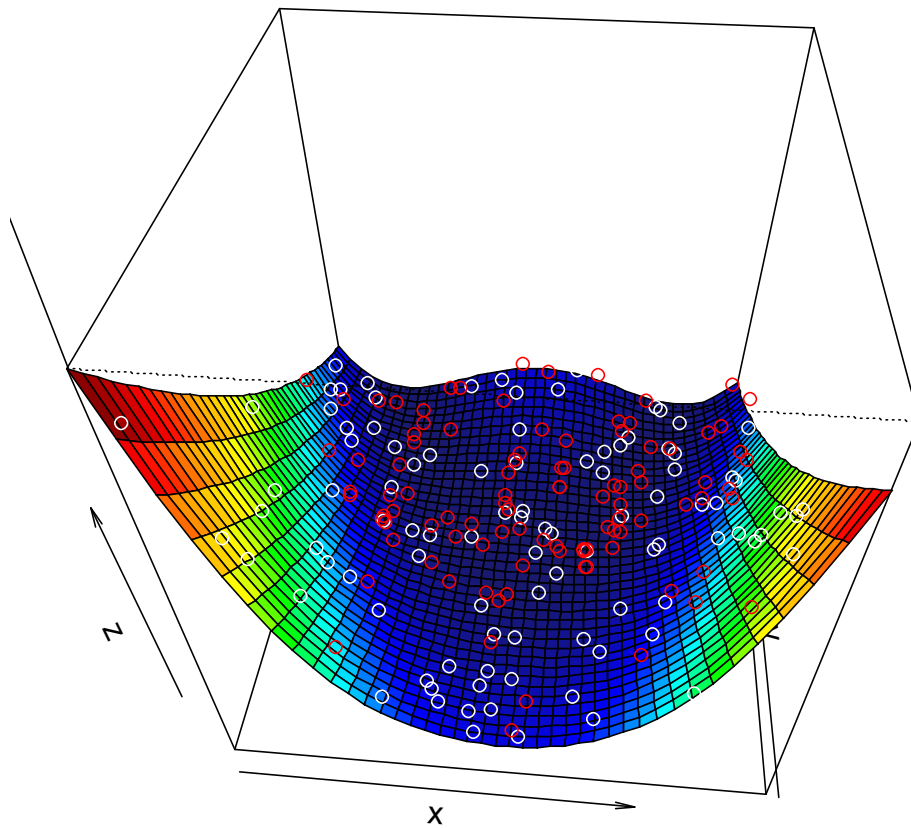Alg = Clearing + FortuneWheelSelection

Alg = Clearing + TournamentSelection
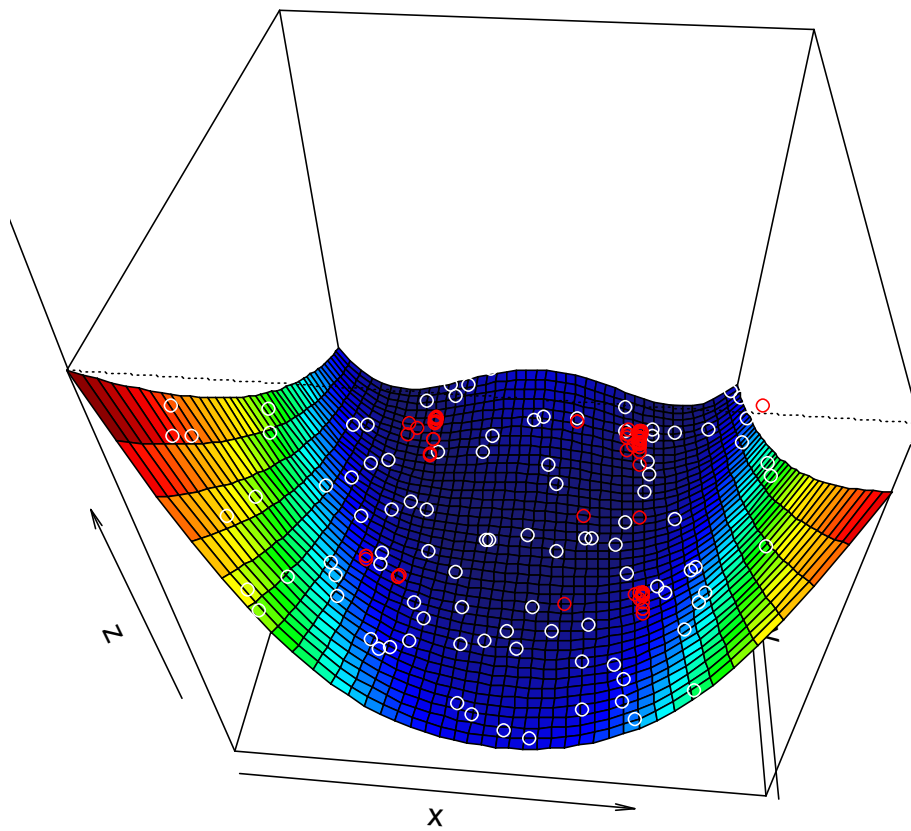
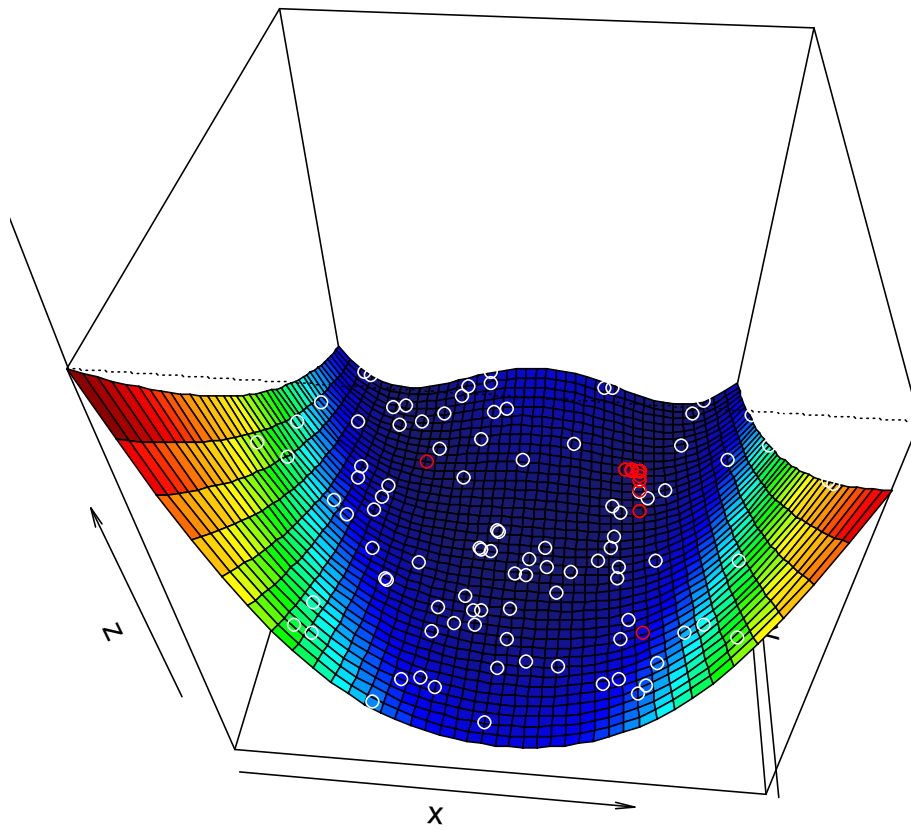Alg = Deterministic Crowding

Alg = Probabilistic Crowding

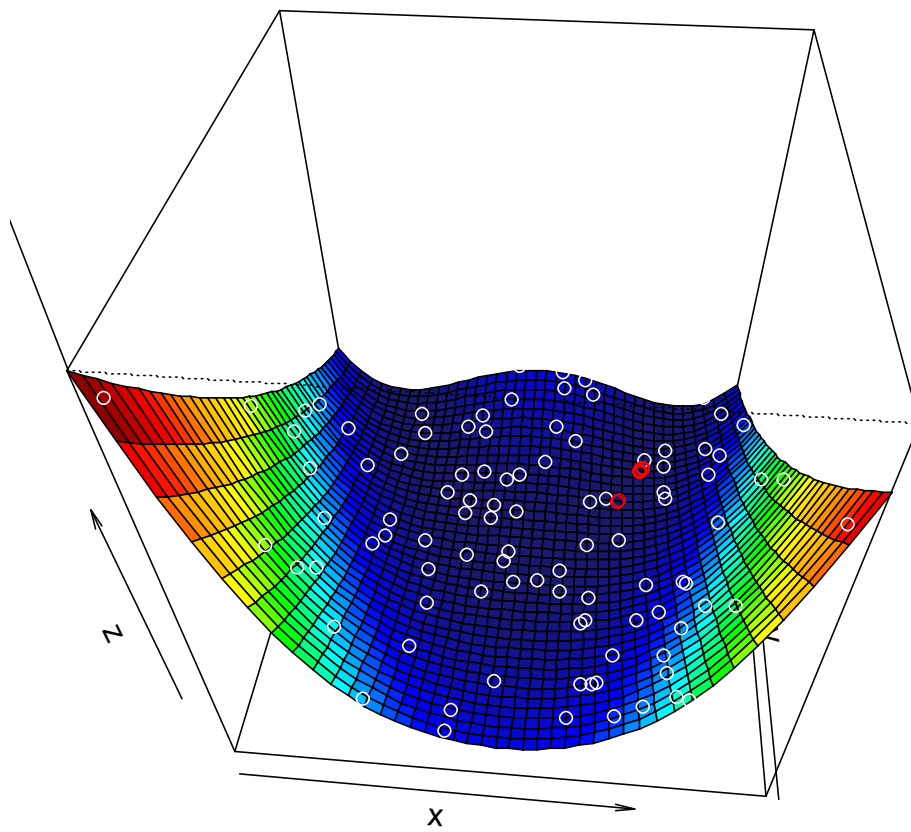Function: RosenbrockValley; Nrg = 200

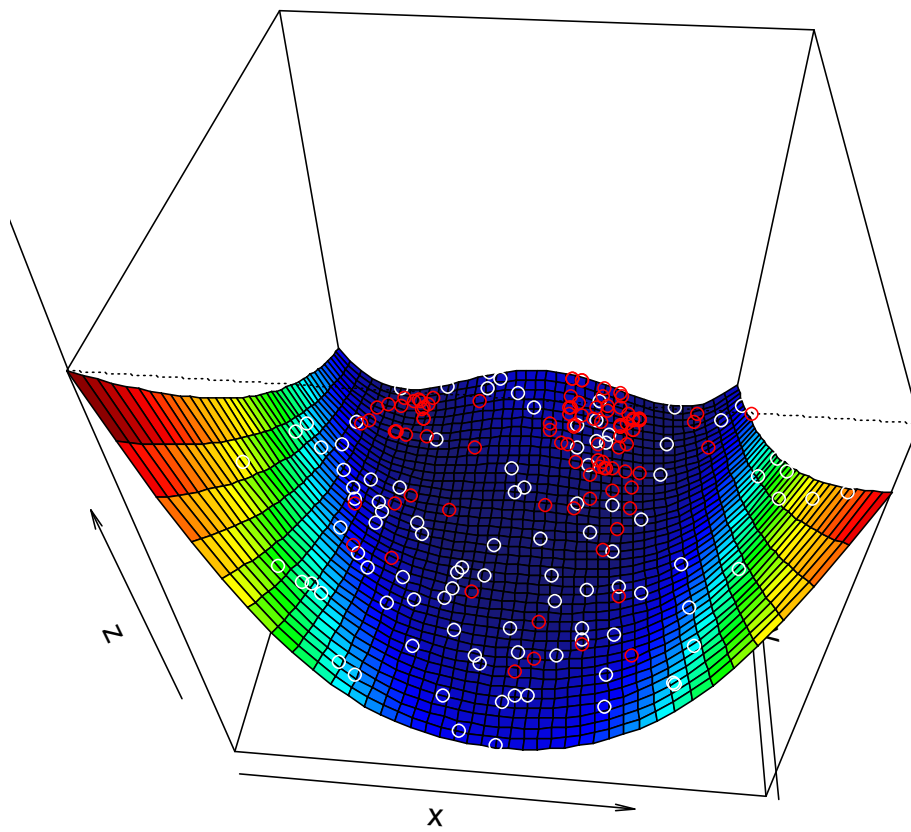Alg = Clearing + FortuneWheelSelection

Alg = Clearing + TournamentSelection

Alg = Deterministic Crowding
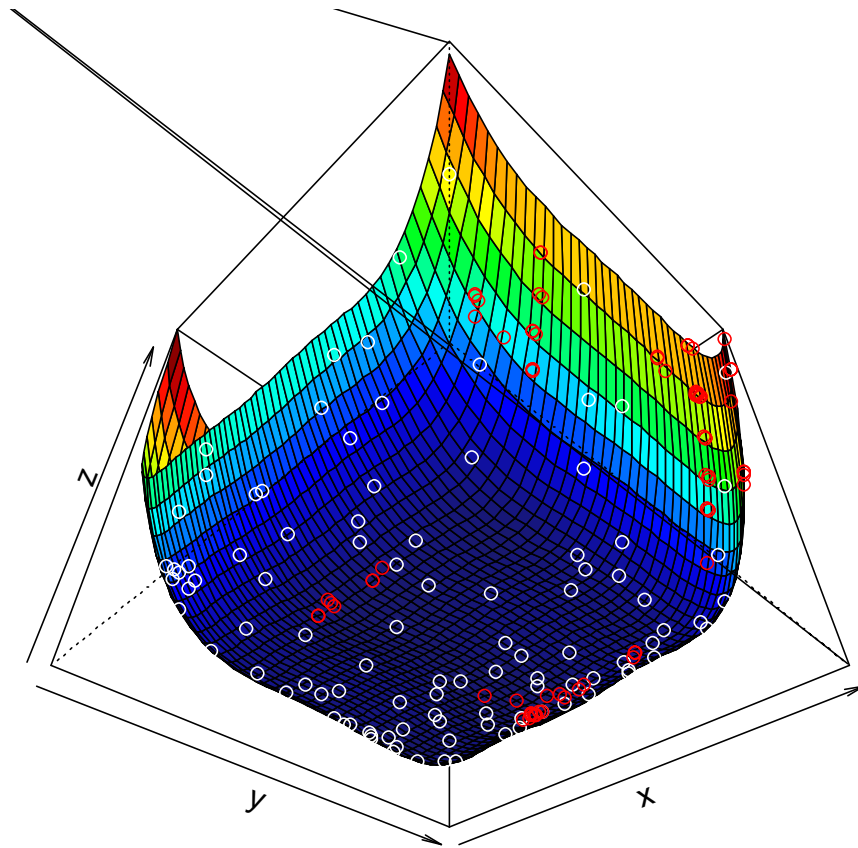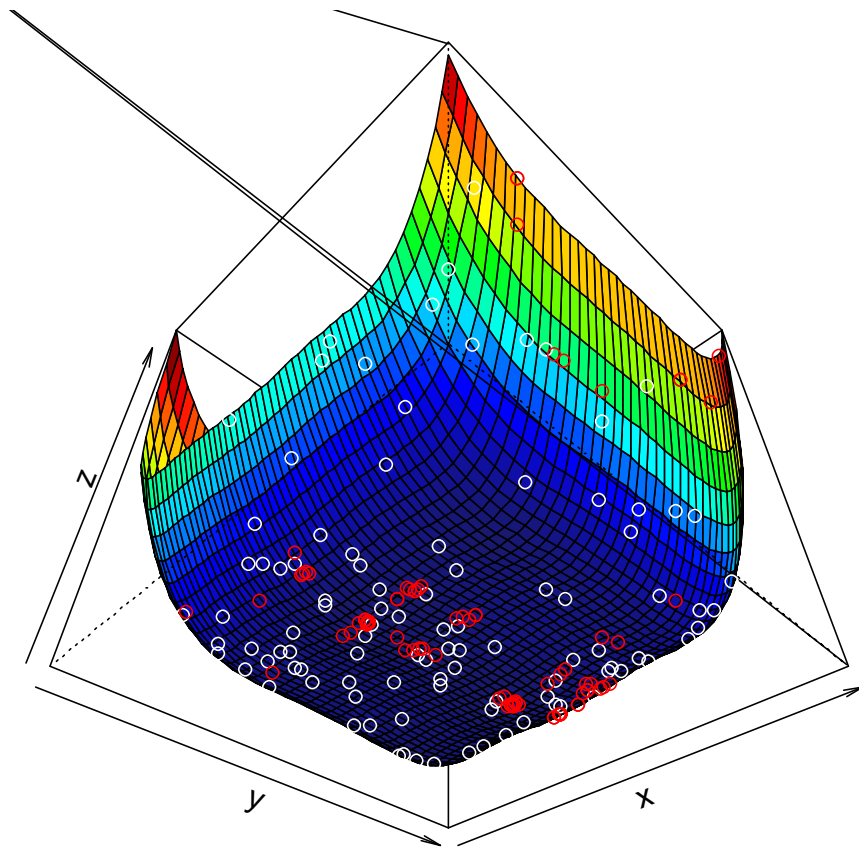
Alg = Probabilistic Crowding

Further in order to reduce number of graphs I'll register for each function and algorithm different number of generations accordingly to the speed of algorithm convergence.
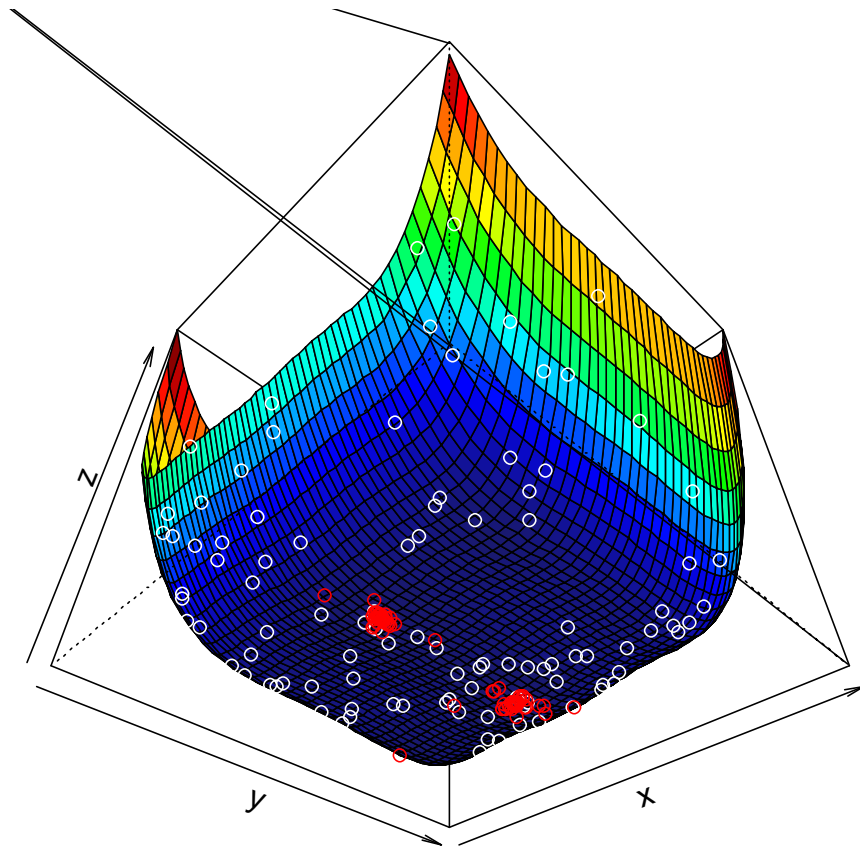

Function: Six-hump camel back;
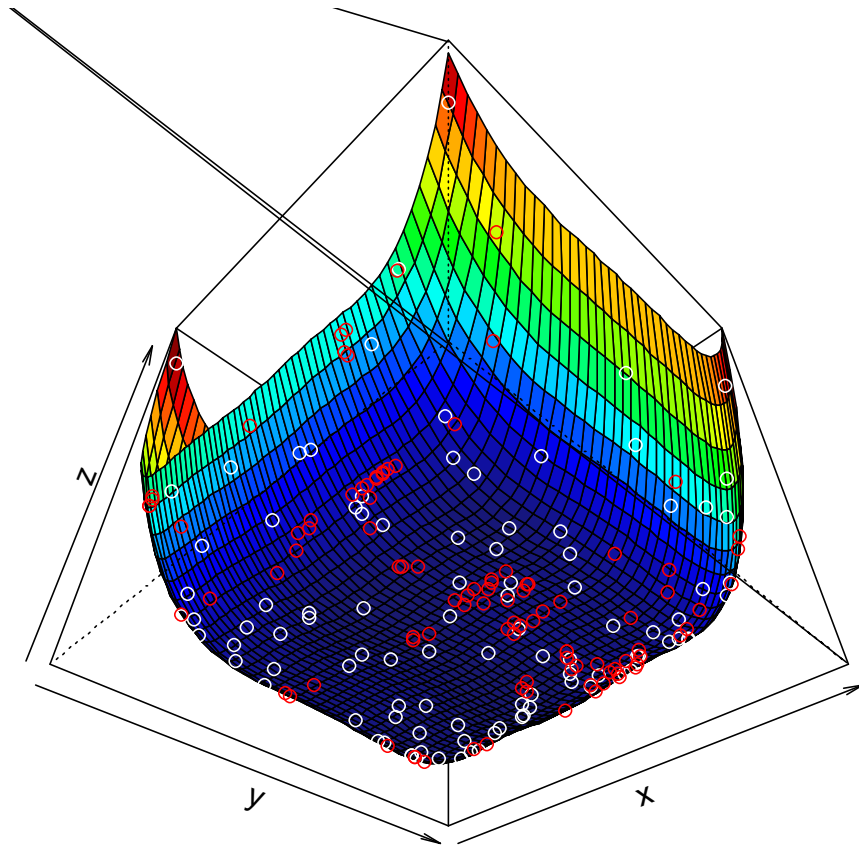

Alg = Clearing + FortuneWheel (nrg=100)

Alg = Clearing + Tournament (nrg=50)
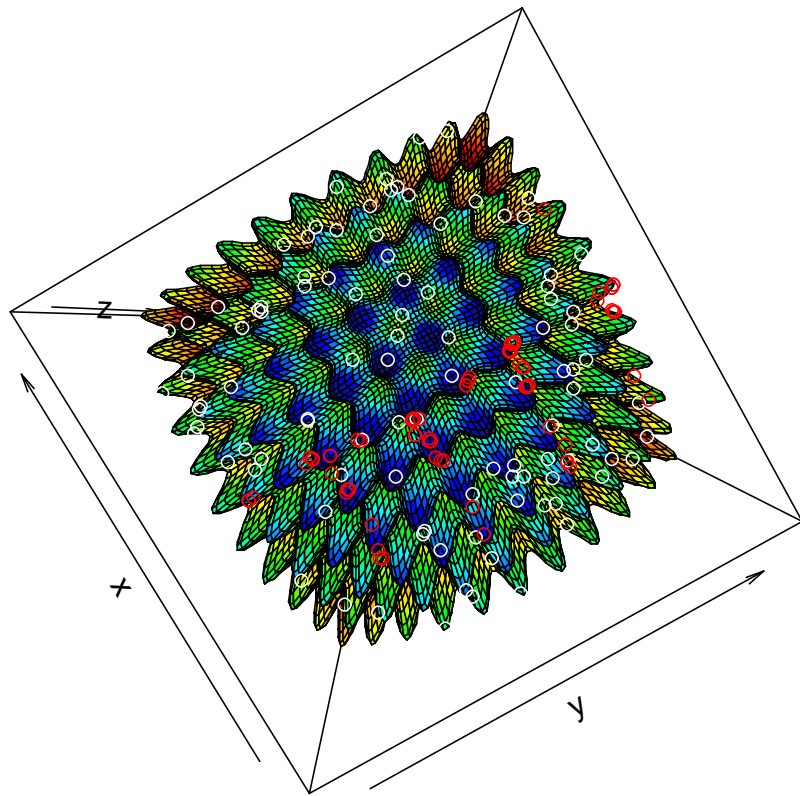
Alg = Det. Crowding (nrg=20)
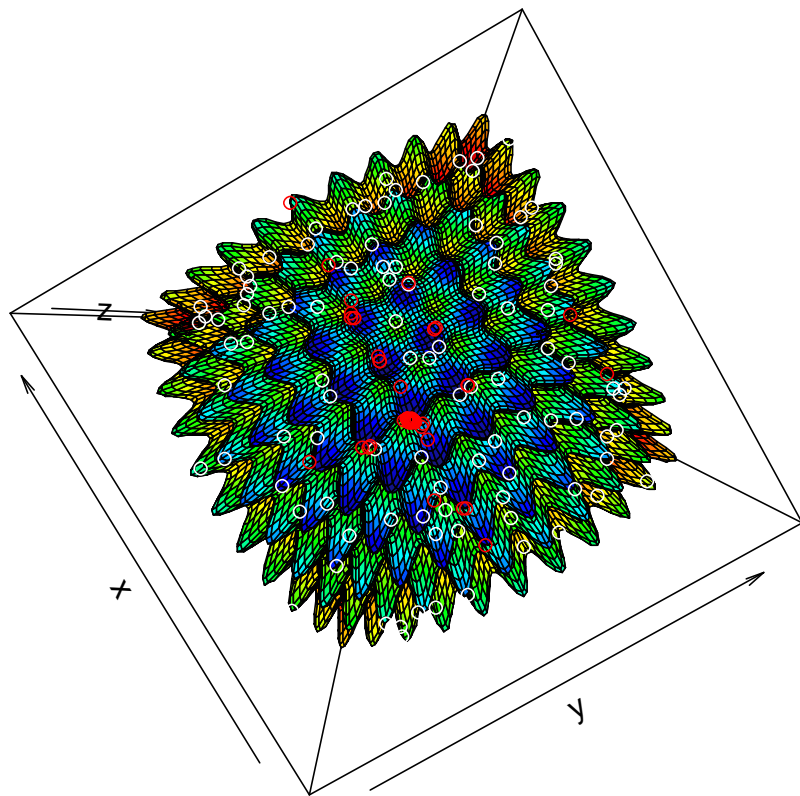
Alg = Prob. Crowding (nrg=200)
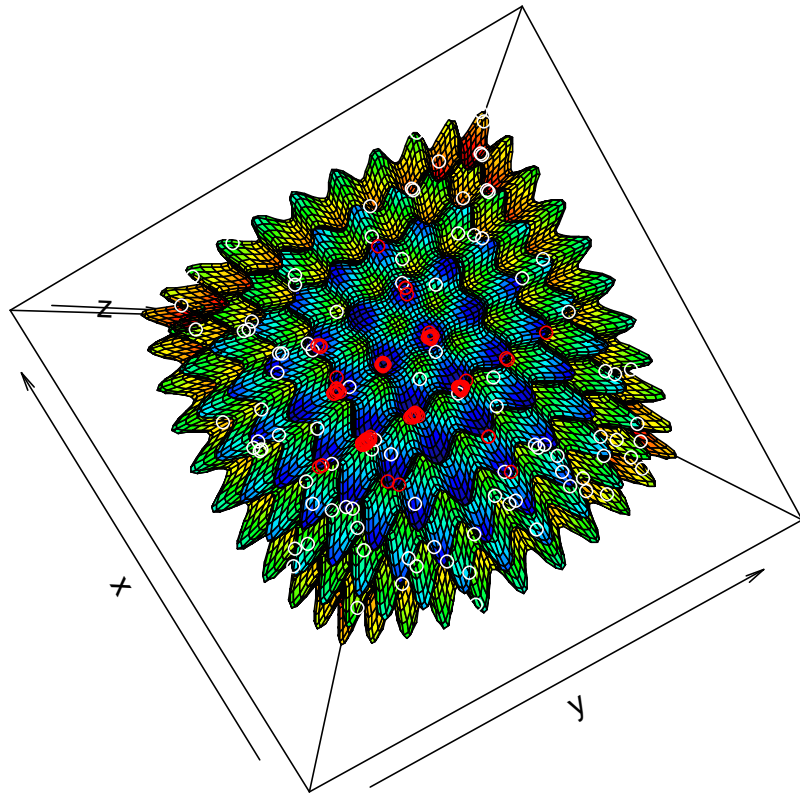
Function Rastrigin:

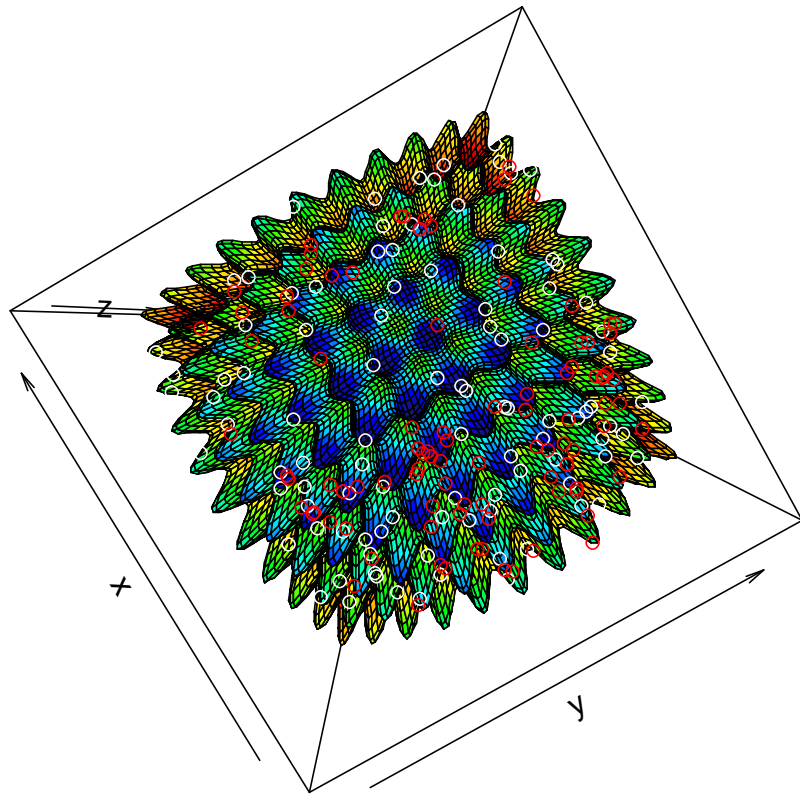Alg= Clearing + FortuneWheel (nrg=200)

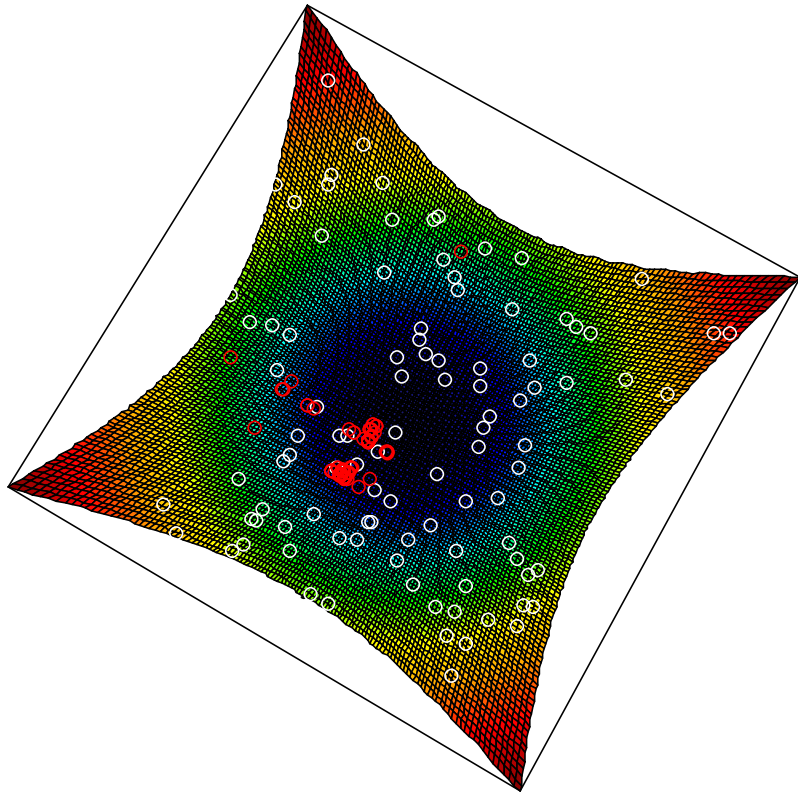Alg= Clearing + Tournament (nrg=20)

Alg = Det. Crowding (nrg=20)
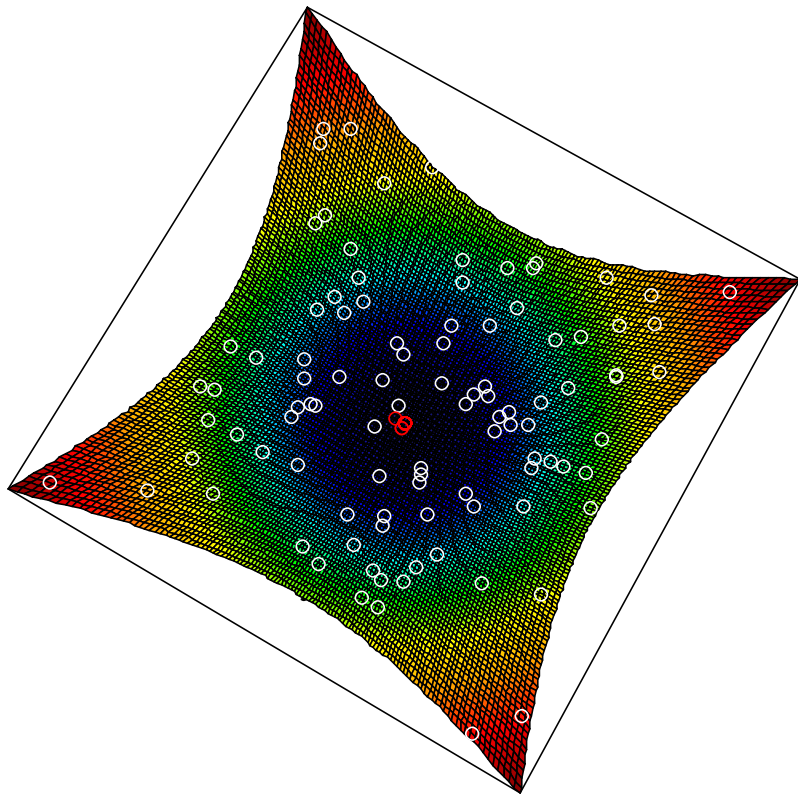
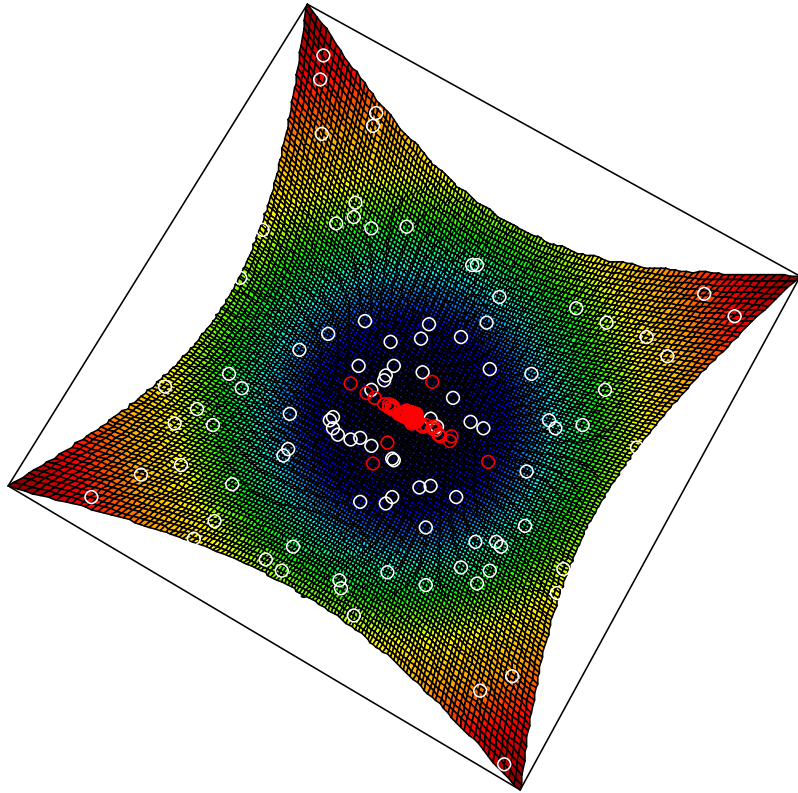Alg = Prob. Crowding (nrg=200)

Function: Griewang

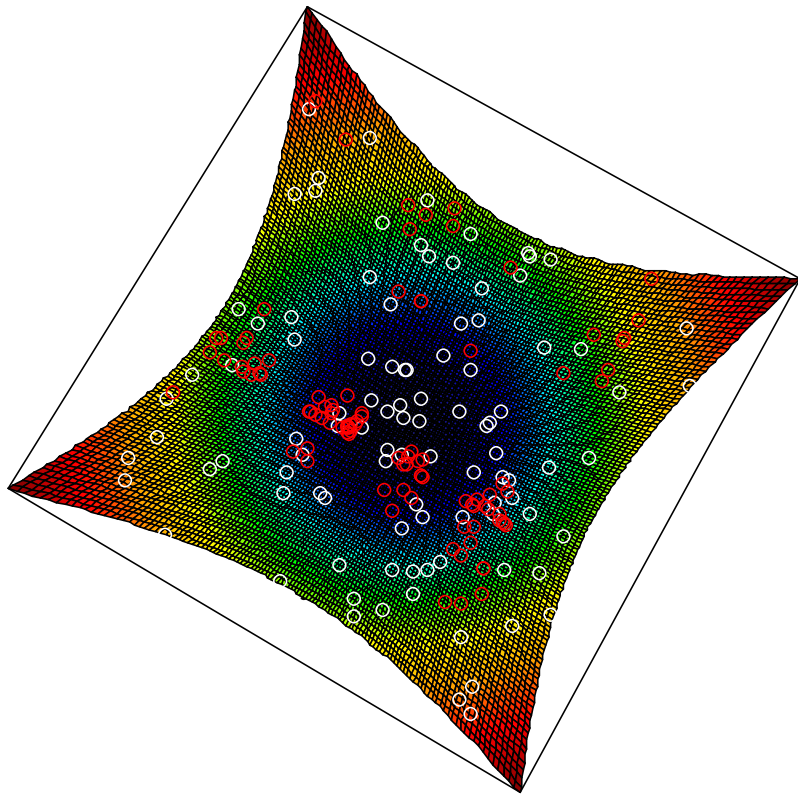Alg = Clearing + FortuneWheel (nrg=200)

Alg = Clearing + Tournament (nrg=50)

Alg = Det. Crowding (nrg=20)

Alg = Prob. Crowding (nrg=200)

There is no need to draw histograms with points on X and Y axis as we can see clearly from images how points are distributed in space.