

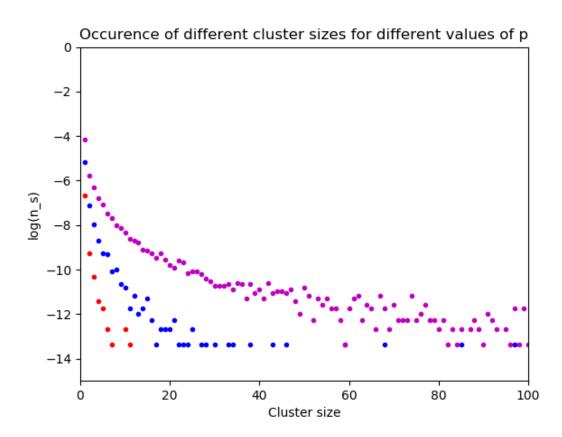
Red: p=0.1

Blue: p=0.2

Magenta: p=0.3

Black: p=0.4

The four sets of data were collected from four different simulations, each of them was performed considering a lattice of size L=1000X1000.



Red: p=0.8

Blue: p=0.7

Magenta: p=0.6

The three sets of data were collected from three different simulations, each of them was performed considering a lattice of size L=800X800.

Confronting the two graphs one notices a pasticular behaviour of the curve. Starting from p=0 the curve gets less and less steeper until the value of p reaches some critical value (that seems reasonably to coincide with the threshold value p=0.592) around p=0.6. Then, as p increases further, the curve gets steep again, and becomes similar to the curves one obtained for low values of p, but there is a difference. For p>0.6 one expects percolation to happen and then to find a solitary large value of the cluster size in the graph.