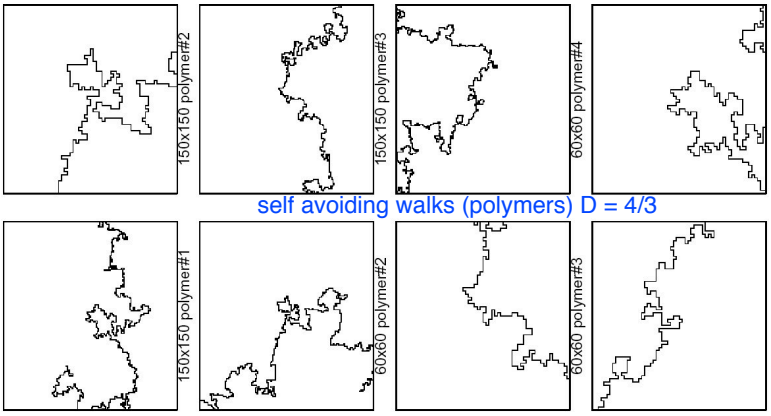
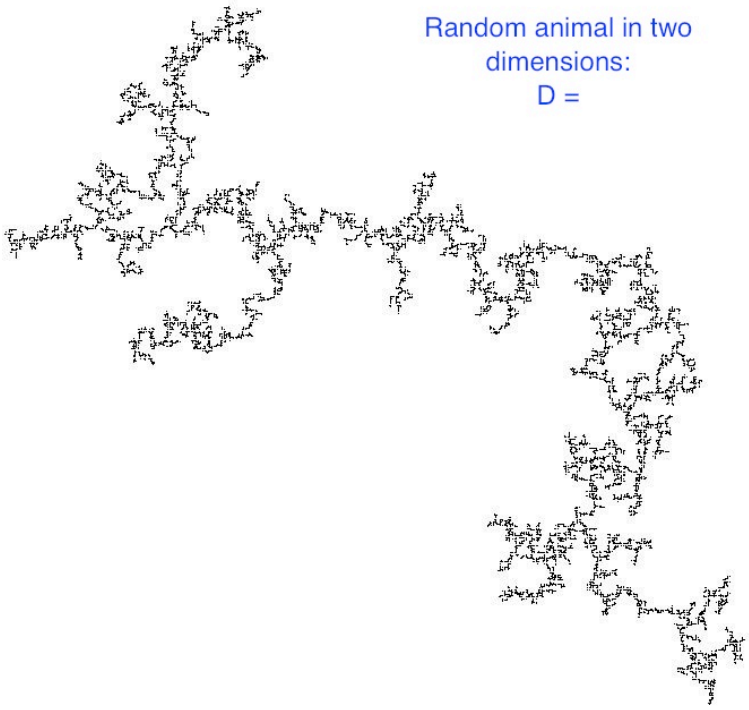
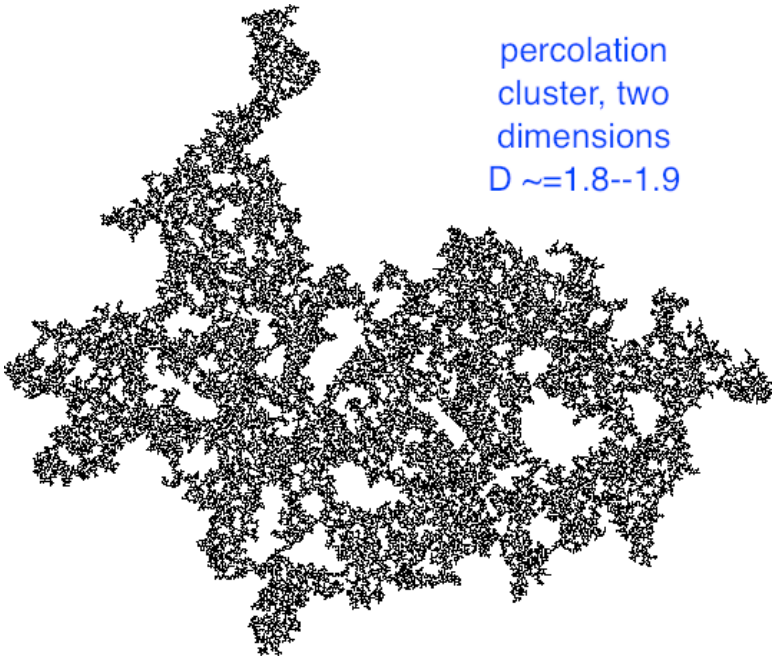


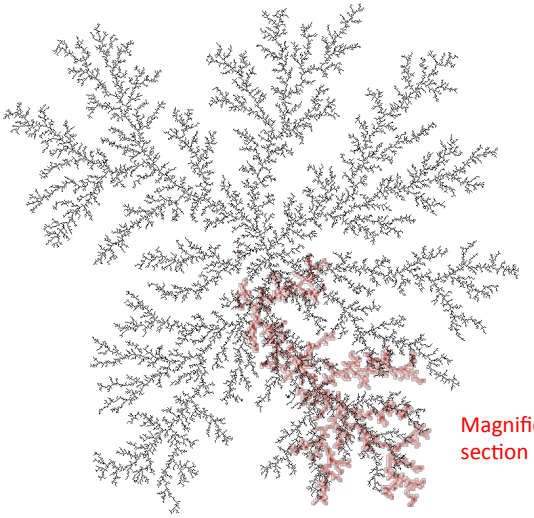
self avoiding walks (polymers) D = 4/3



Random animal in two dimensions:
D =



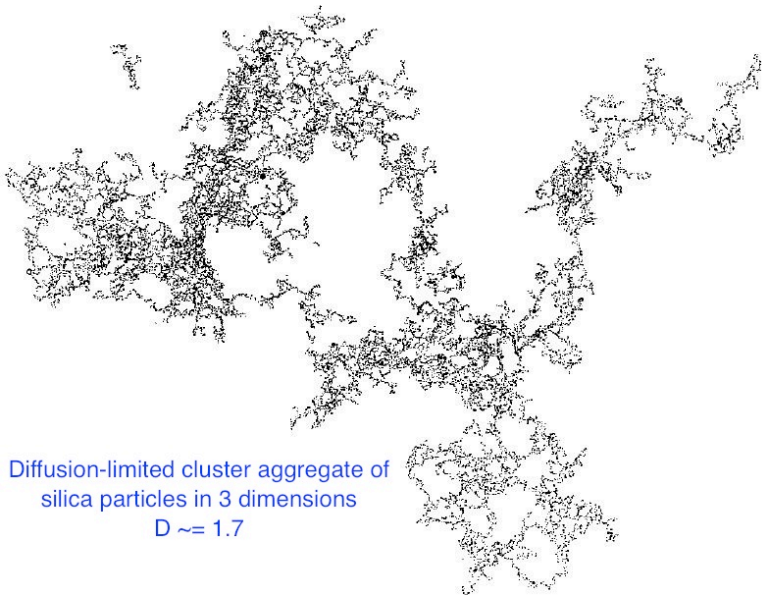
percolation cluster, two dimensions
D ~=1.8--1.9



Aggregate of diffusing particles

D ~= 1.74

Magnified section



Diffusion-limited cluster aggregate of
silica particles in 3 dimensions
D ~= 1.7

