

Exercise 7

Total Points = (6/20), Feel free to clarify things with me (via email/in person)

Question 1 : Code

I am not sure if (after forming the bonds) you are forming the clusters correctly, plus I am not sure why you didn't correct your Metropolis algorithm as well. (5/10)

Question 2: $|m|$ and ϵ/J

Wrong Plots (1/3)

Question 3 : Monte Carlo History

Missing (0/3)

Question 4 : Autocorrelation Time vs N

Correct (0/3)

Question 5 : Dynamical Exponent

You get quite a small dynamical exponent though.(0/1)