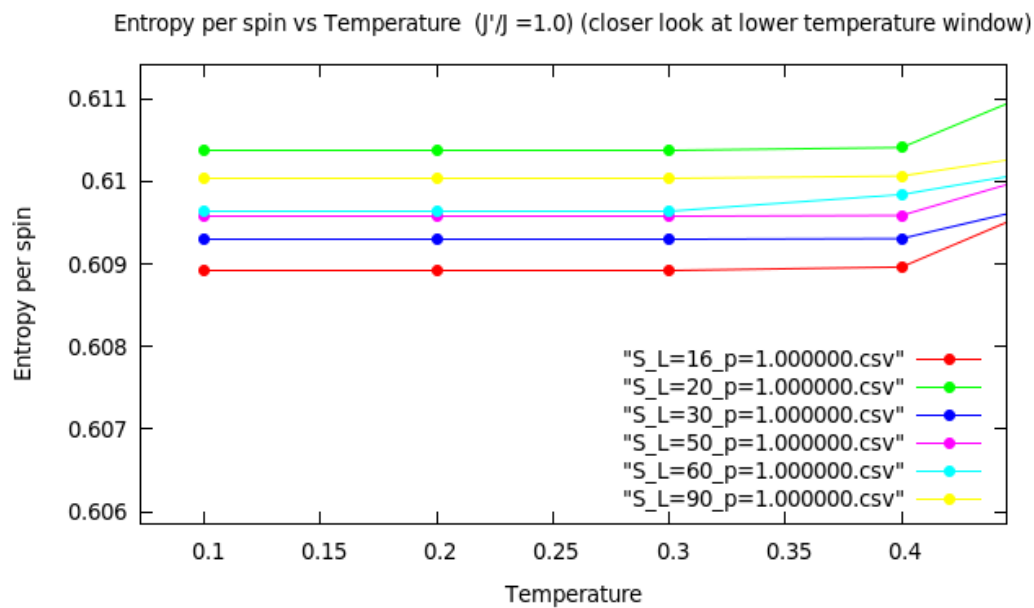
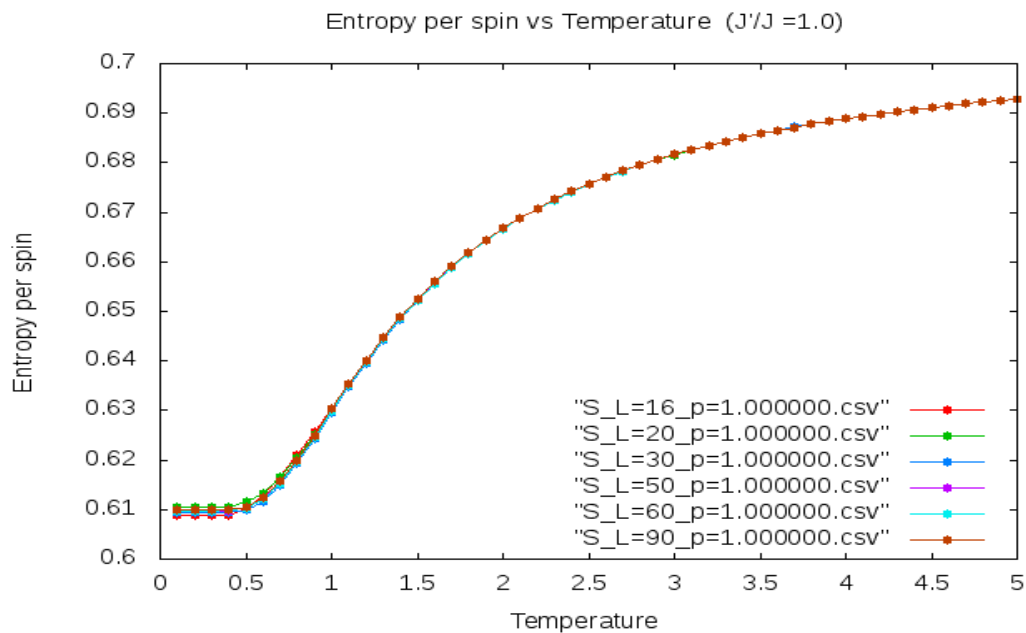
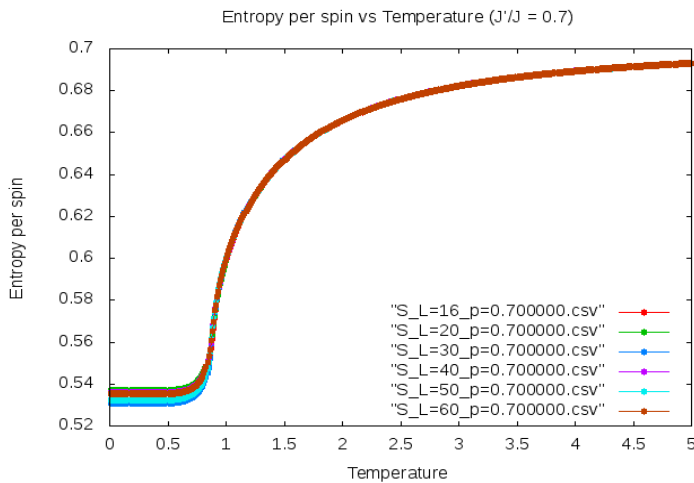


Triangular Limit Entropy.

Unlike square manifold, where the entropy for lower temperatures seem to asymptotically go to a value ~ 0.5 , the triangular manifold goes to ~ 0.6 . Here too, we find a parallel shift in the curves for different values of lattice size (the function being entropy per spin, this wasn't really expected)

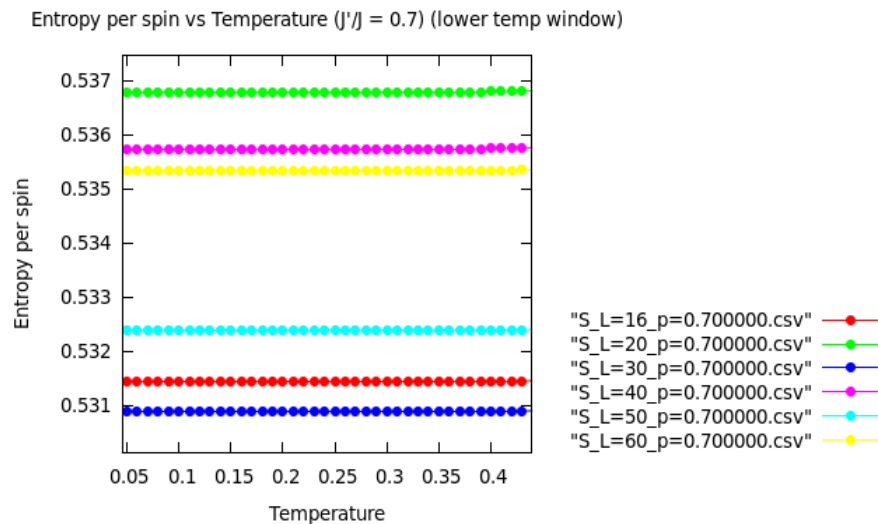


For intermediate J'/J



Here I have taken values at temperature steps of 0.01, instead of 0.1.

For many of these values of J'/J (here $J'/J = 0.7$), I happen to see a similar pattern, near the lower temperature window. For the smallest lattice size (here $L=16$), the entropy is something, for next larger lattice size (here $L=20$), it is very large as compared to the previous one, for the next (here



$L=30$), it is smaller than the previous one ($L=20$), for yet next ($L=40$), it is greater than the previous one ($L=30$), and so on. Below are some similar curves for lower temperature window, but for different J'/J values. This could be a coincidence, since for some values of J'/J (like 0.73), this is not followed and for yet others, it is not followed only for some L values.

