Reading: This week we continue with the dynamics of the Ising-Glauber model. I'll then turn to the voter model, and finally to spin-exchange dynamics. Please read, in order, sections 8.5 & 8.6, then 8.1, and finally 8.7 of the text.

Problems: Due Monday, November 14 by 5:00pm.

1. Text 8.4.

2. Text 8.5.

3. Text 8.10.

4. Text 8.17. The second sentence of this problem is unclearly worded. Here is a better wording: “Consider the region \([1, L]\). Suppose that the spin at \(x\) points down, while all remaining spins in \([1, L]\) point up.”