

Homework 9. *Implement the Conway Game of Life by iterating over all the grid cells and for each one counting the neighbors. You can either be careful not to access elements that are beyond the limits of the matrix, or make the matrix slightly larger and only iterate over the “middle” part of the matrix. Start with a small grid, as this is a very inefficient method upon which we will improve. To plot the grid use `pcolor`. Make sure you first calculate the number of neighbors and then update the grid, otherwise your update of early cells will interfere with the calculation of the later cells.*

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