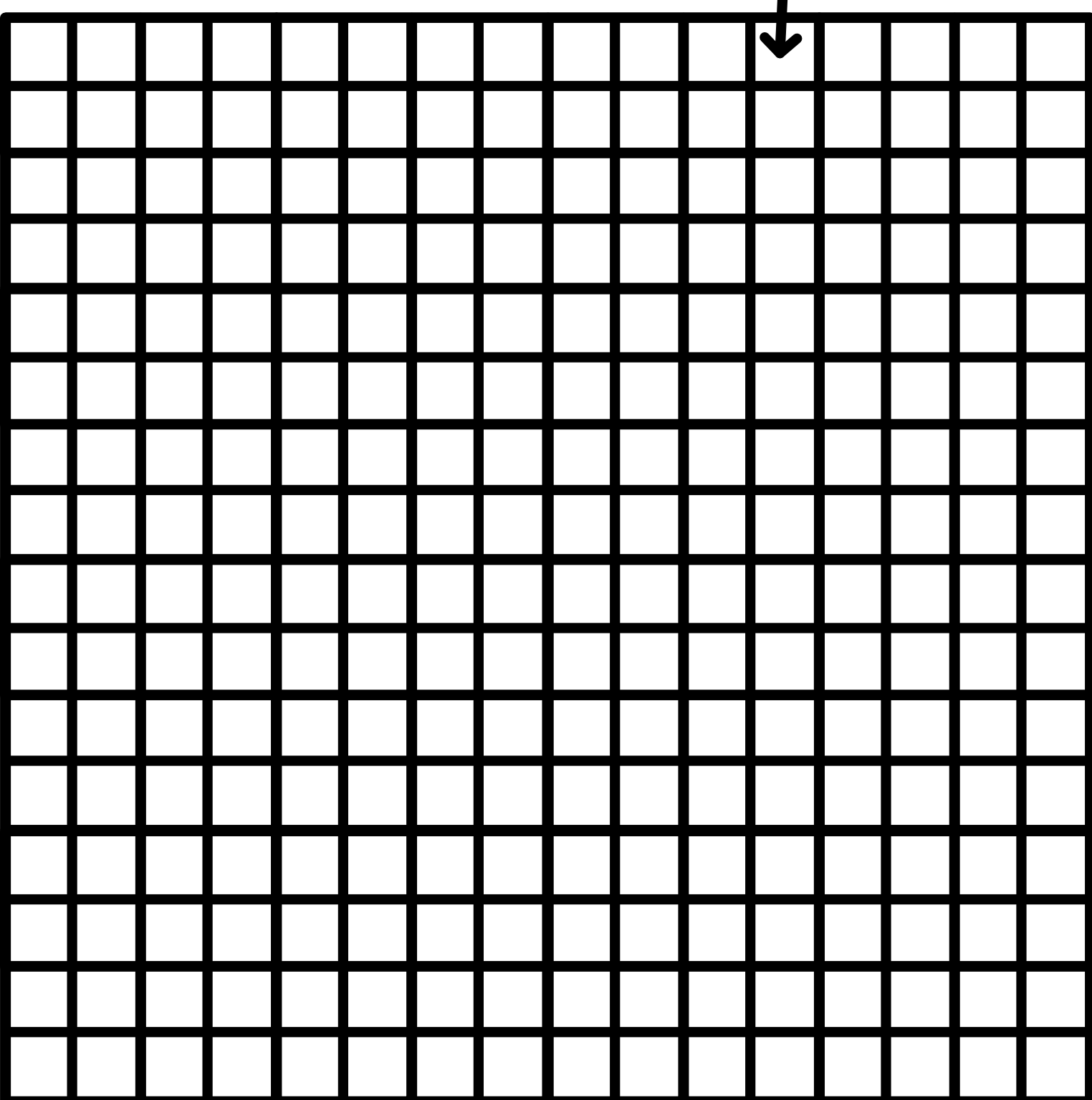
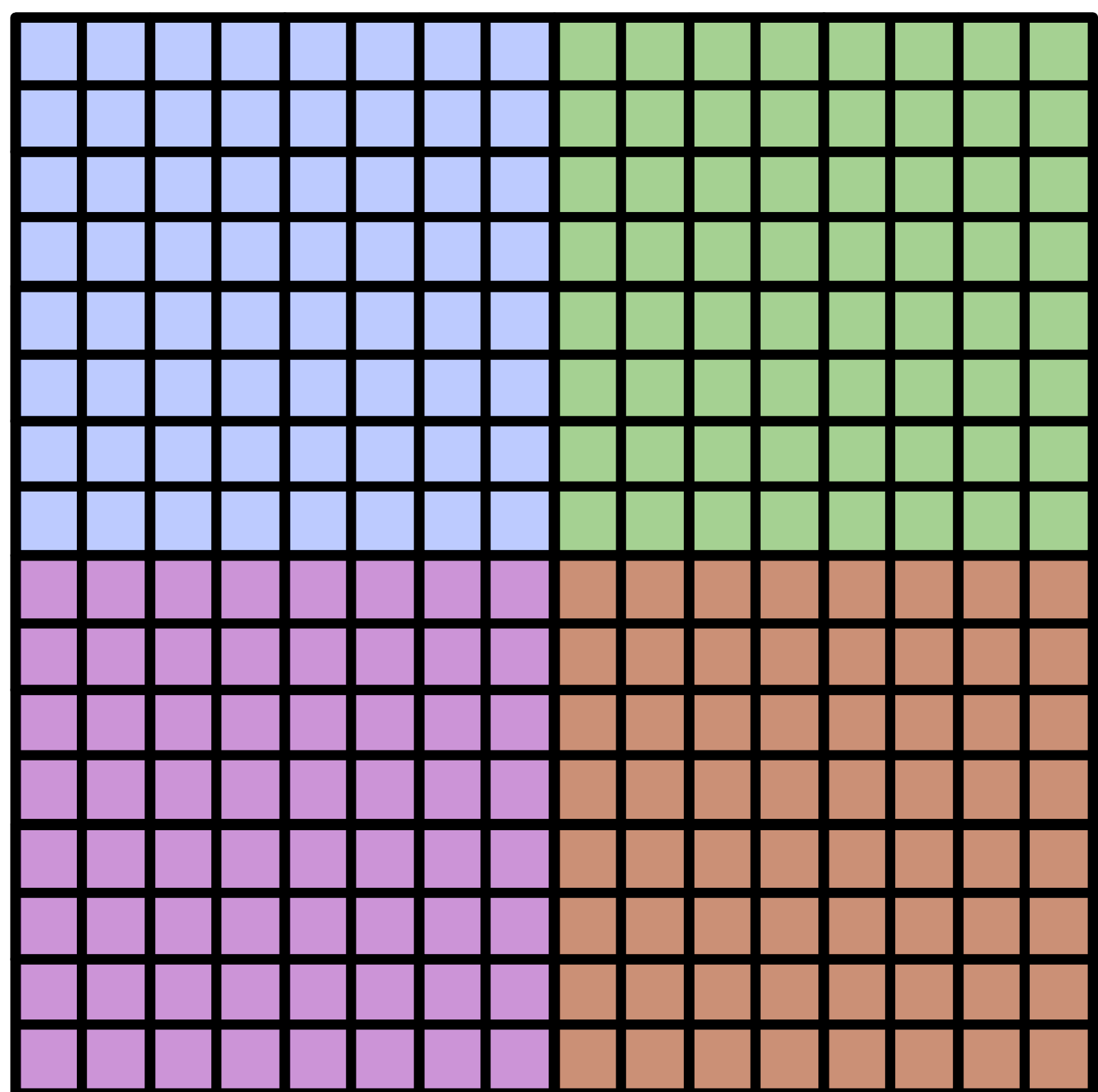


total grid

cell



split into subdomains

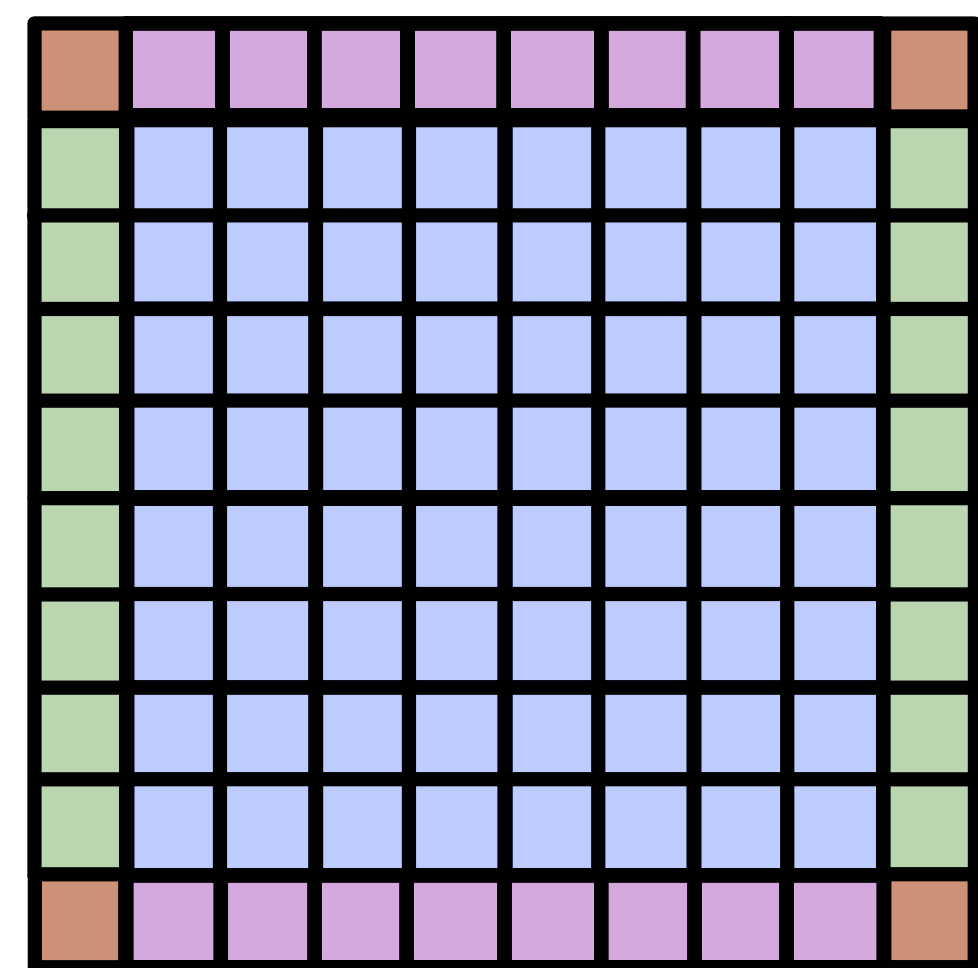


distribute w. guard cells
updated after each timestep

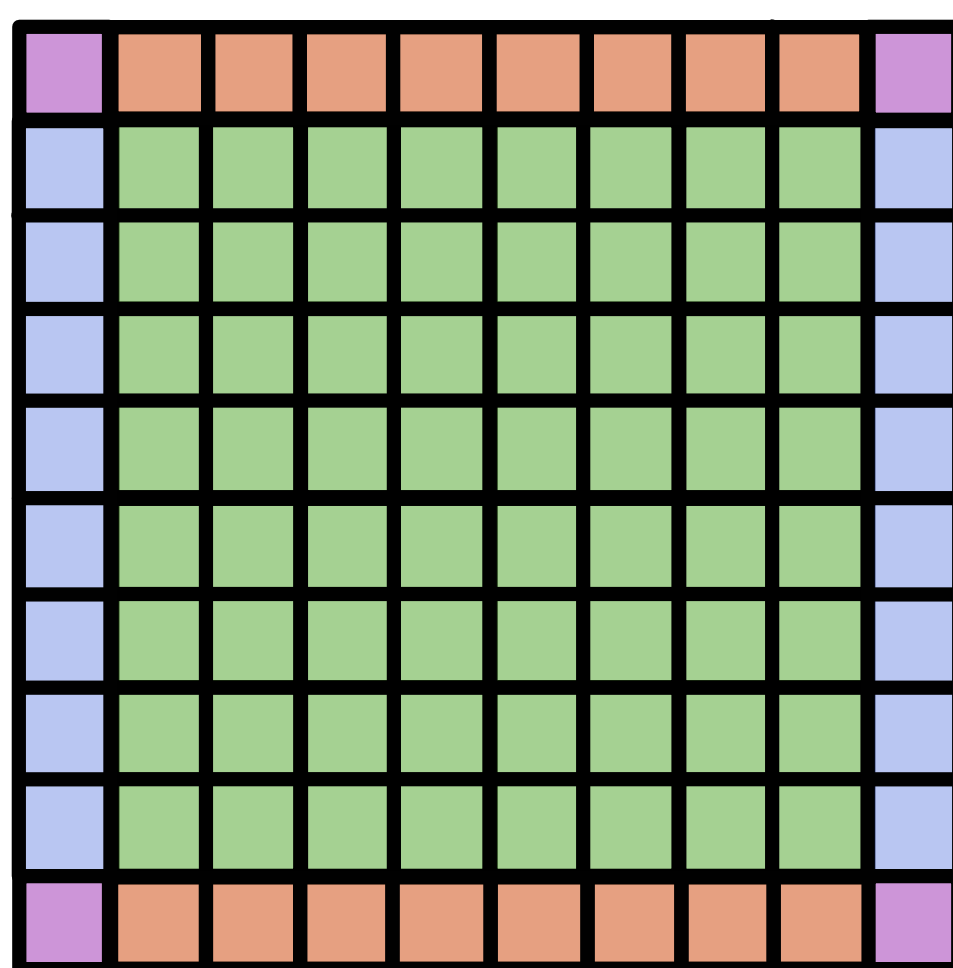


here with periodic boundaries

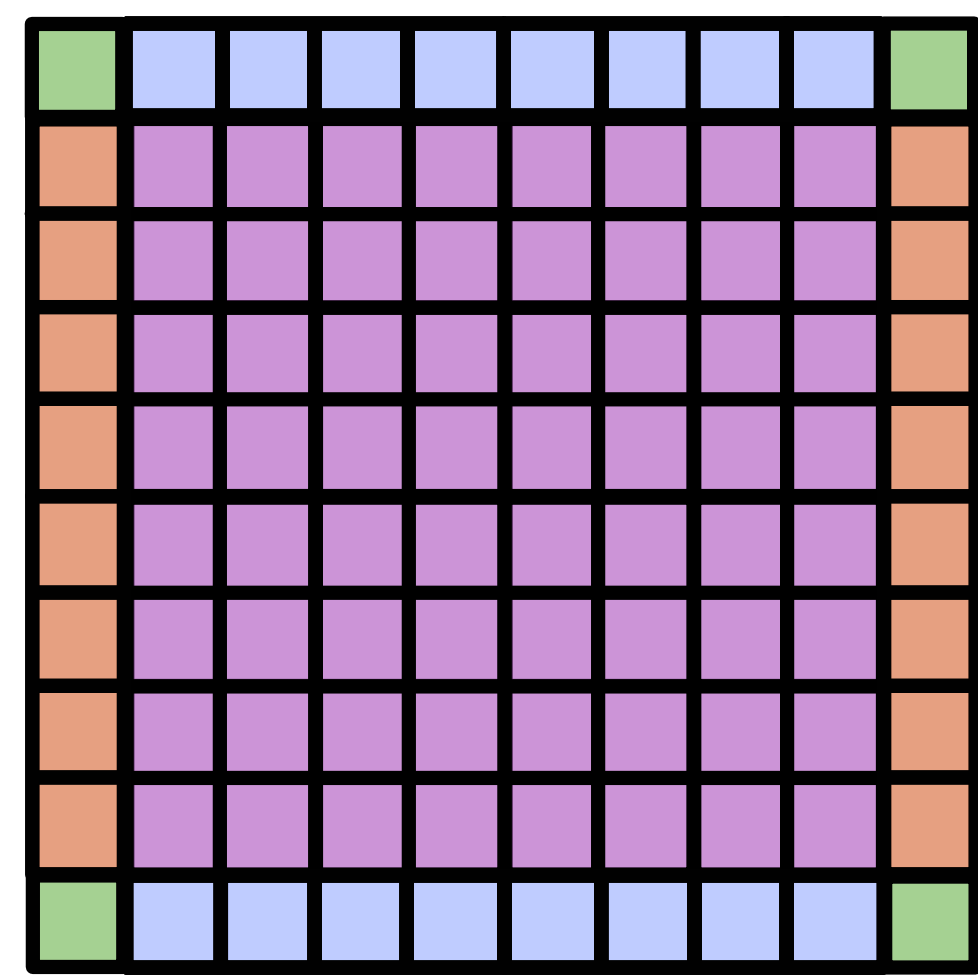
threads 1



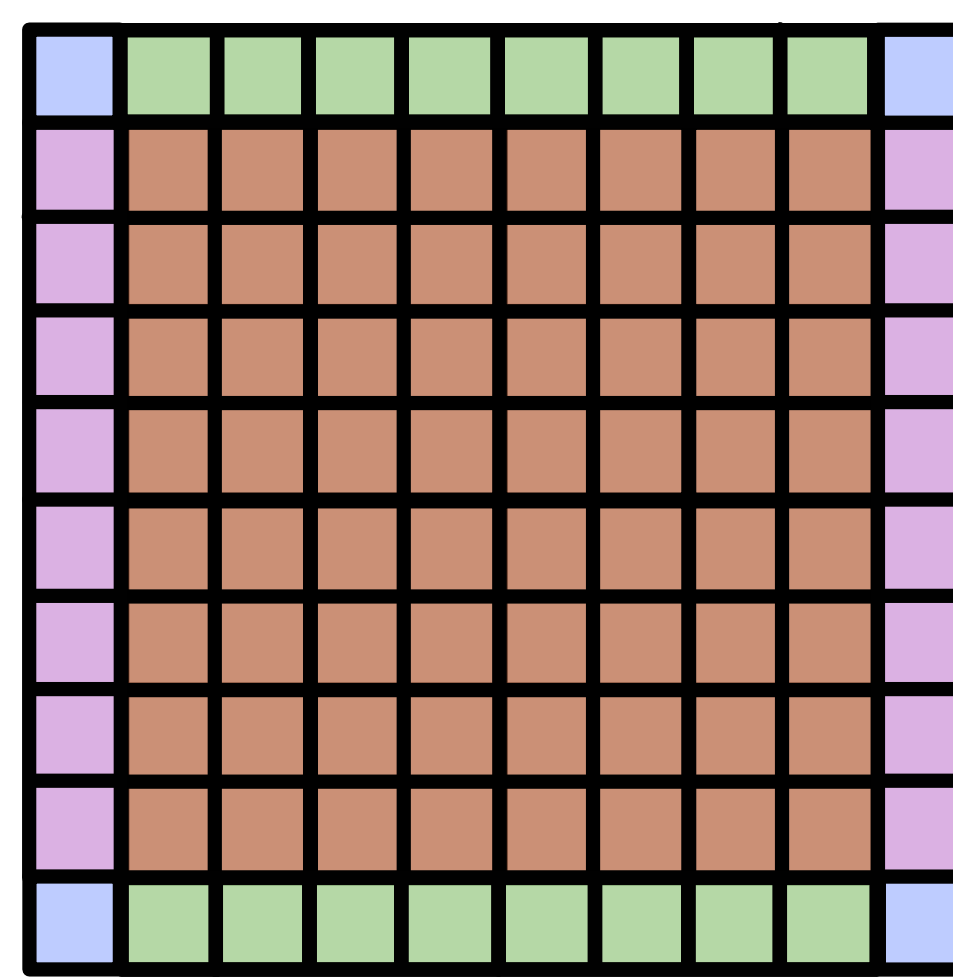
threads 2



threads 3



threads 4



assuming only the neighboring cells
are used to update a cell