process 1   process 2
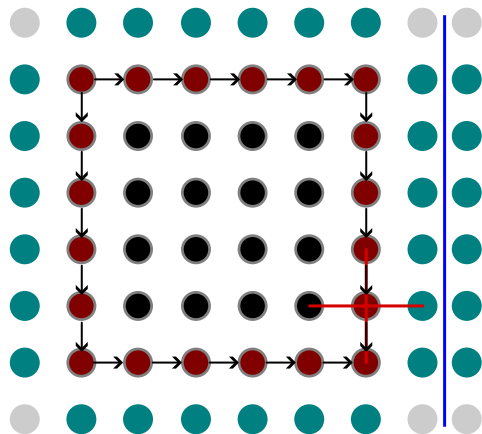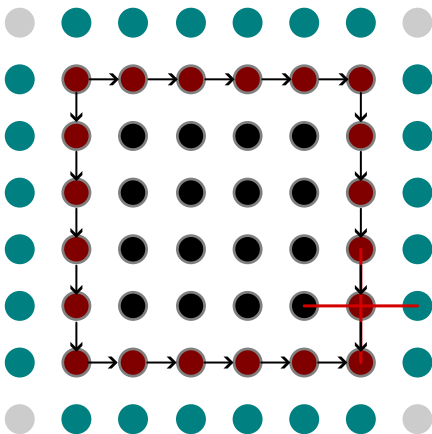
done lattice site
exchd. edge halo
corner halo