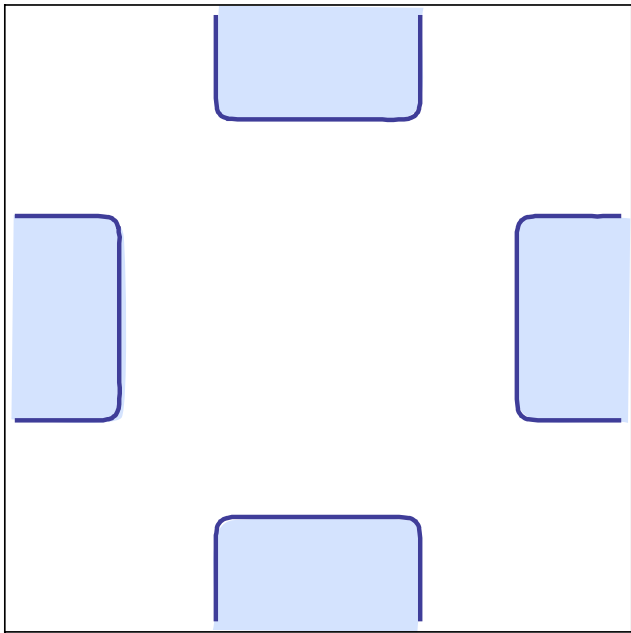


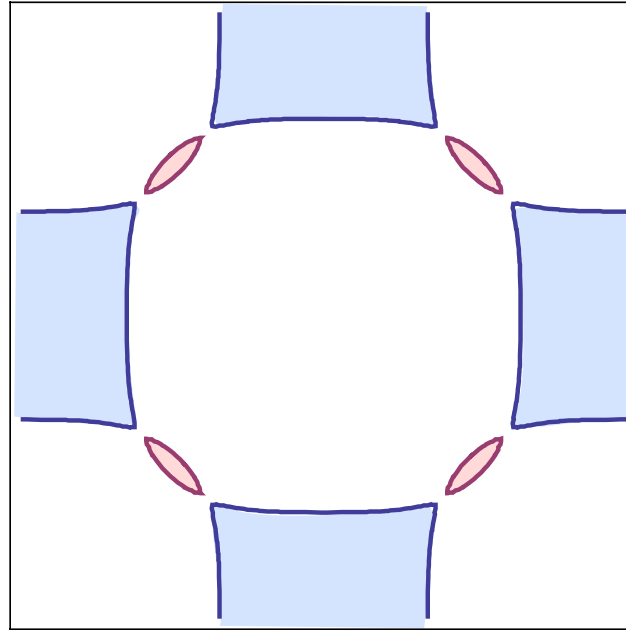
Square lattice Hubbard model with electron doping

$\Delta \neq 0$
and large



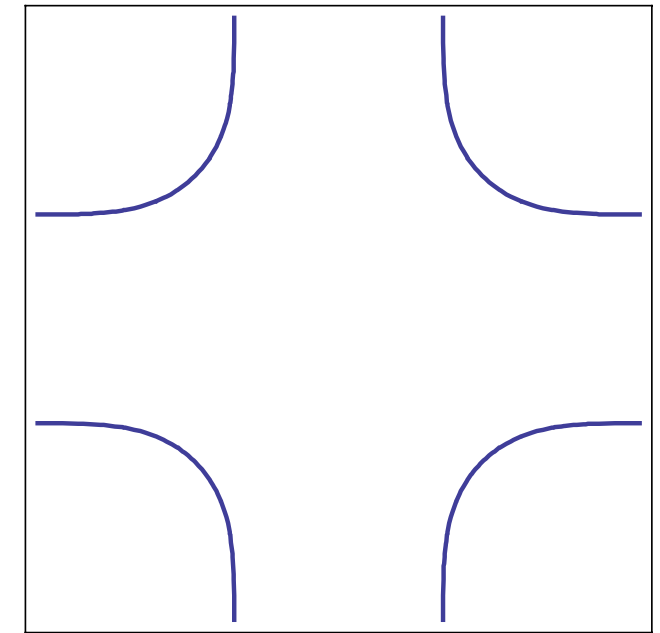
Metal with
electron pockets

$\Delta \neq 0$
and small



Metal with
electron and
hole pockets

$\Delta = 0$



Metal with
large Fermi
surface