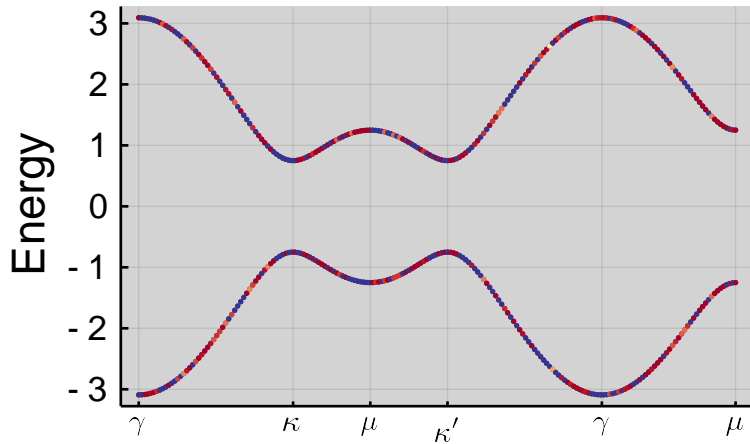


$t=1.5$ , non- interacting



$t=1.5$ , Hubbard meanfield

