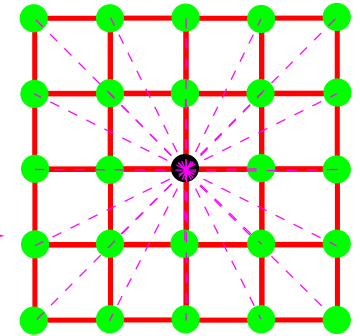
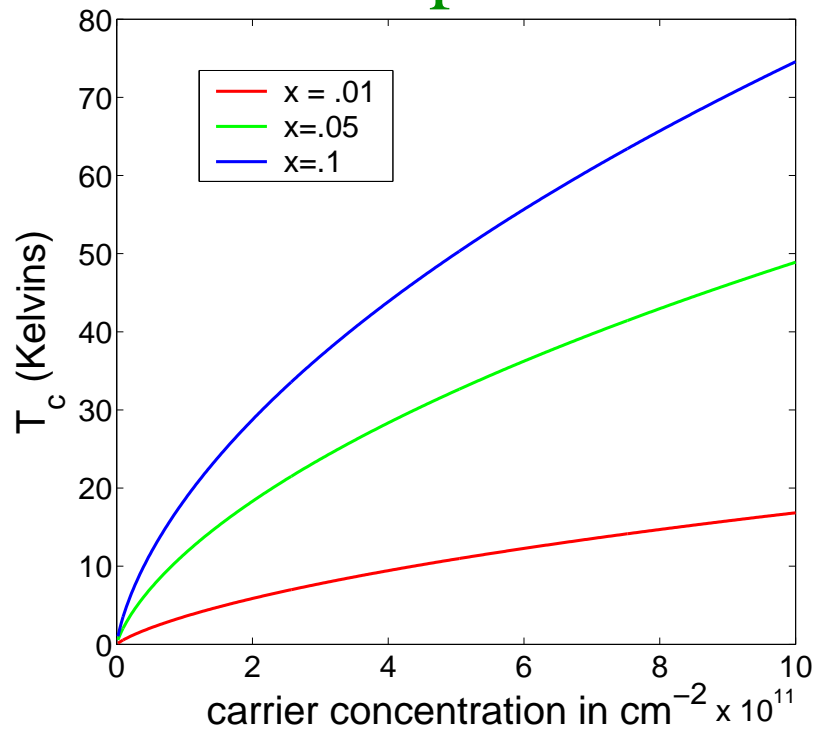


Lattice Mean Field Theory Curie Temperature Results

- As for the continuum case, in $D=2$, thermal effects are important and **suppress** T_c
- $T_c = (35/12) x \sum_i J(R_i, T_c)$; again, solved self-consistently (the sum is over the sites in the discrete square lattice)
- Curie Temperatures for various x values



Curie Temperatures



- Again, there is strong dependence on the carrier density n_c