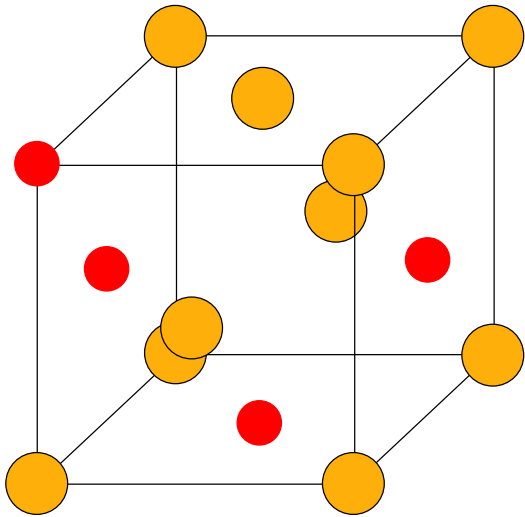


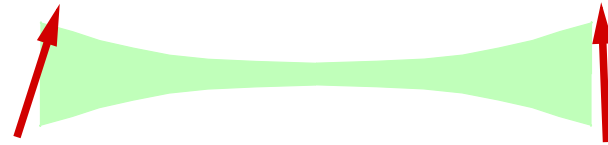
Ga_(1-x)Mn_xAs System Geometry and impurity correlation scheme

- GaAs zinc-blende lattice (As atoms not shown)



- occupied site
- Mn impurity

- Treat the Mn ions as classical Heisenberg spins; use Monte Carlo



- Use damped rkky for effective interaction between Mn moments; damping factor given by $e^{-r/l}$
- We are particularly interested in correlations among the Mn ions:

