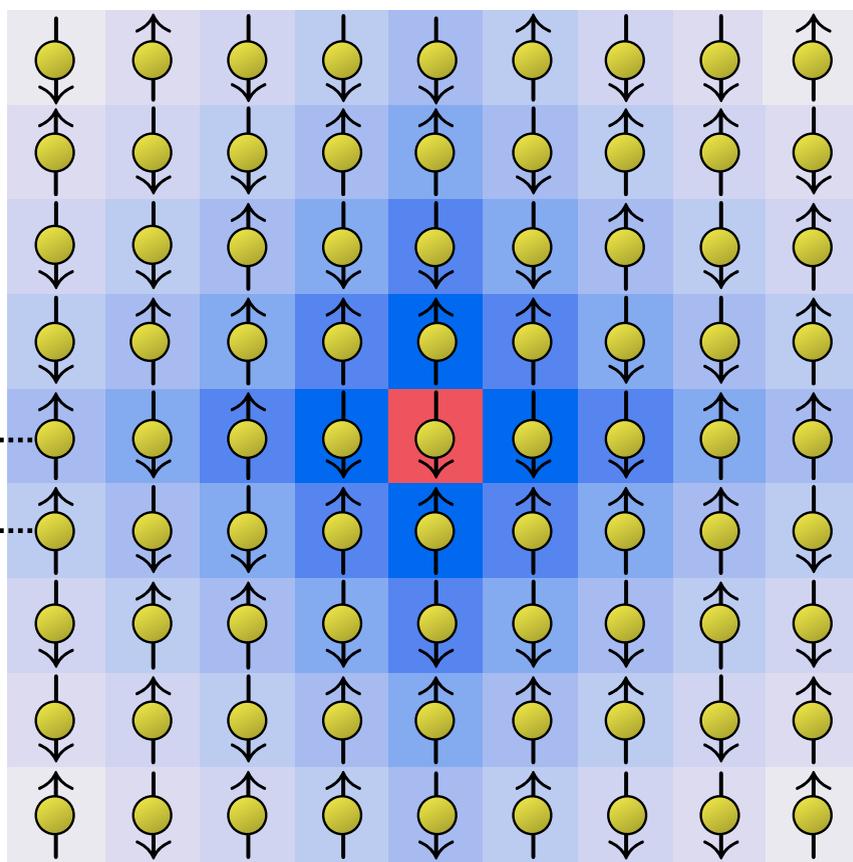


lattice spacing,
 R



strength of interaction
with red site



strong

weak