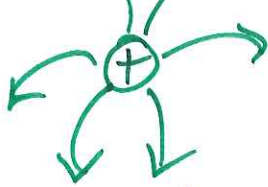


Topic: Electric Field Lines

Representation of Electric Fields
 so predict behavior of charged particles
 in electric field (vectors)

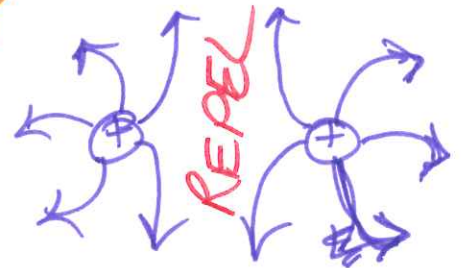
Away from $+q$



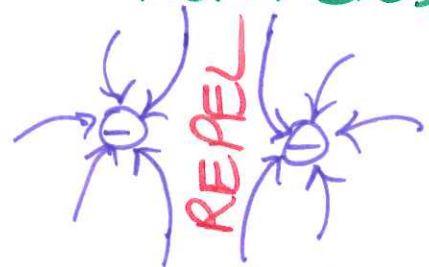
towards $-q$



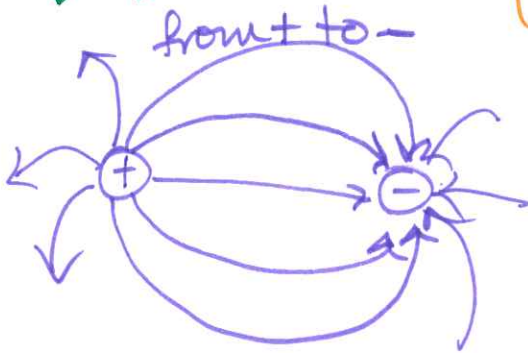
Never cross



never cross



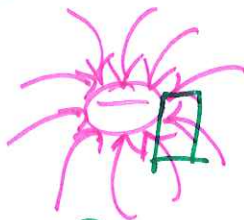
Parallel



Predict



less \rightarrow
~~more~~ electric
 field strength



3 \rightarrow
 more \rightarrow
 more electric
 field strength

