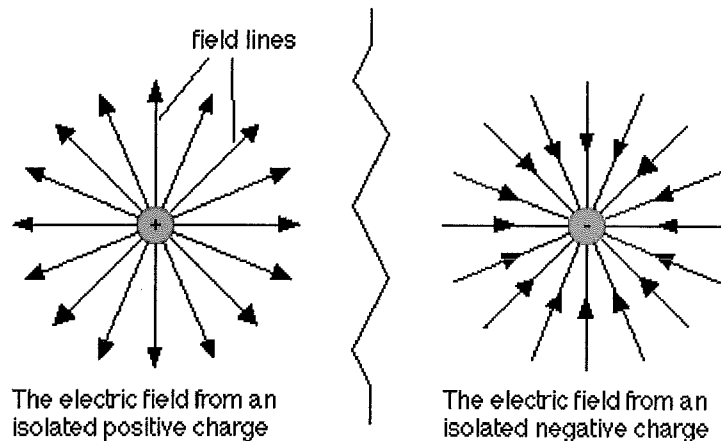
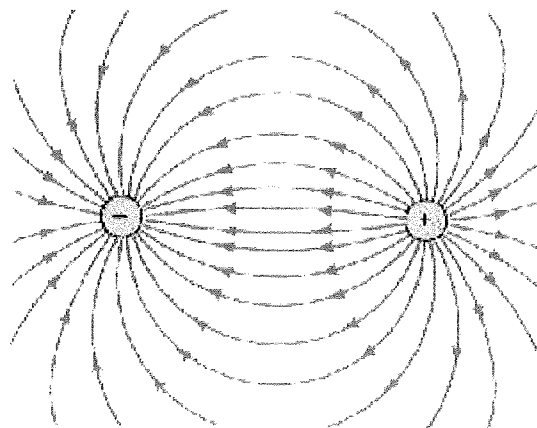


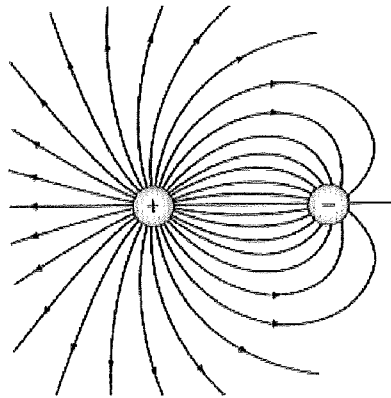
Physics 12
Section 16-8
Field Lines

1. Electric fields radiate around a point charge. The direction of a field is determined by the path a positive test charge would take if allowed to move in the field.



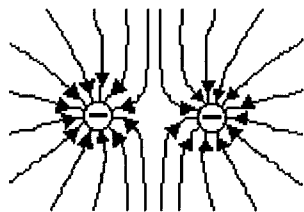
2. The concentration of lines indicates field strength. The field is tangent to the field lines at any point. The field lines start at a positive charge and end at a negative charge.



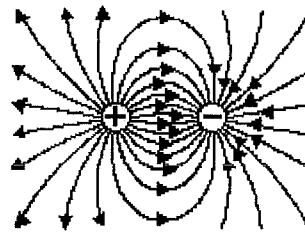


The positive charge is twice the size of the negative charge

Other Charge Configurations

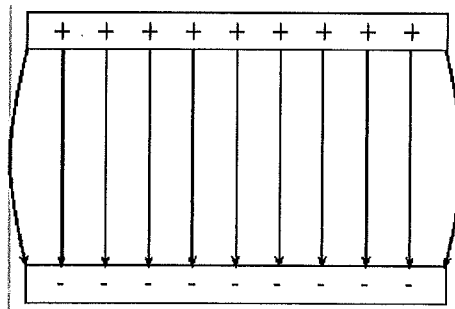
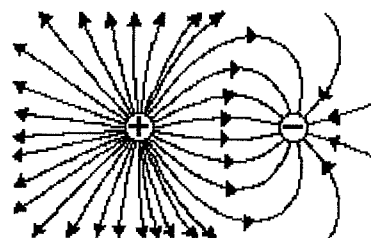
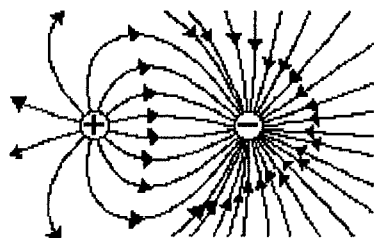
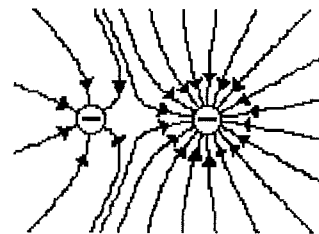
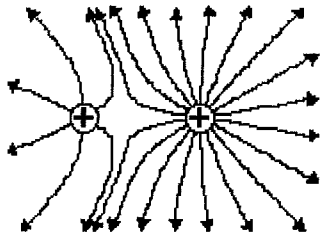


Two Negatively-Charged Objects



A Positively and a Negatively-Charged Object

Electric Field Line Patterns for Objects with Unequal Amounts of Charge



Between two parallel plates Do # 34 page 499