

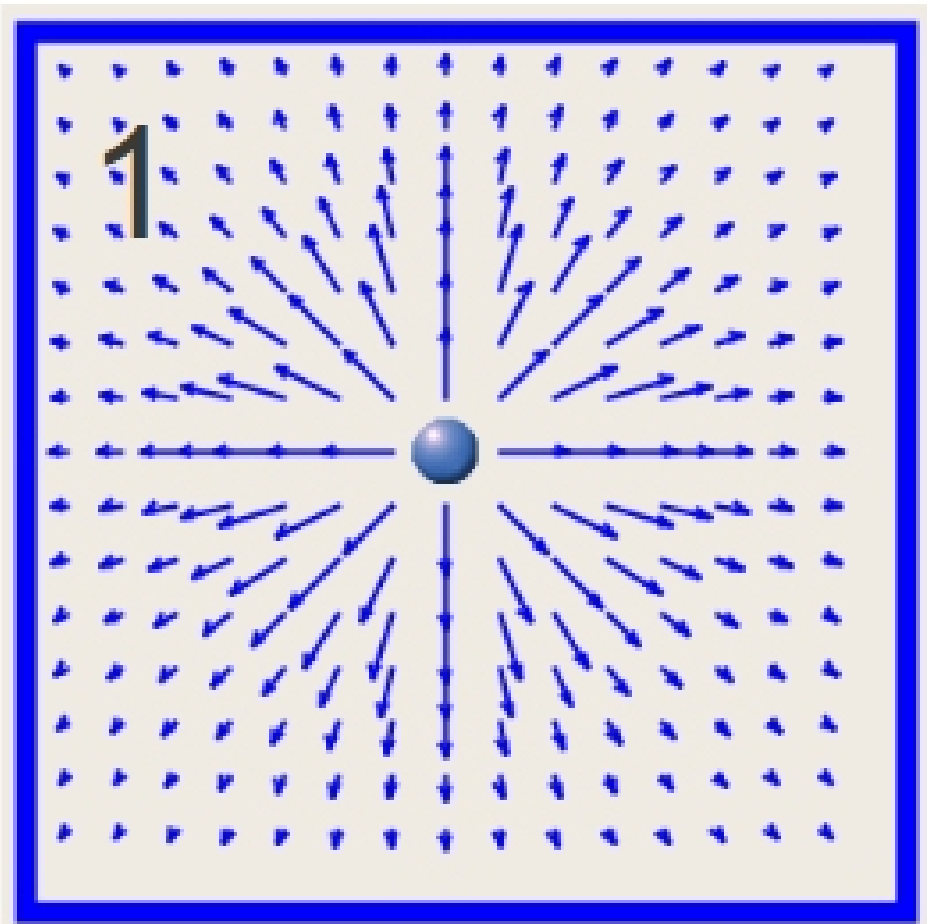
ELECTRIC FIELDS AND THEIR EFFECT ON MATTER

Prof. Stephen Sekula

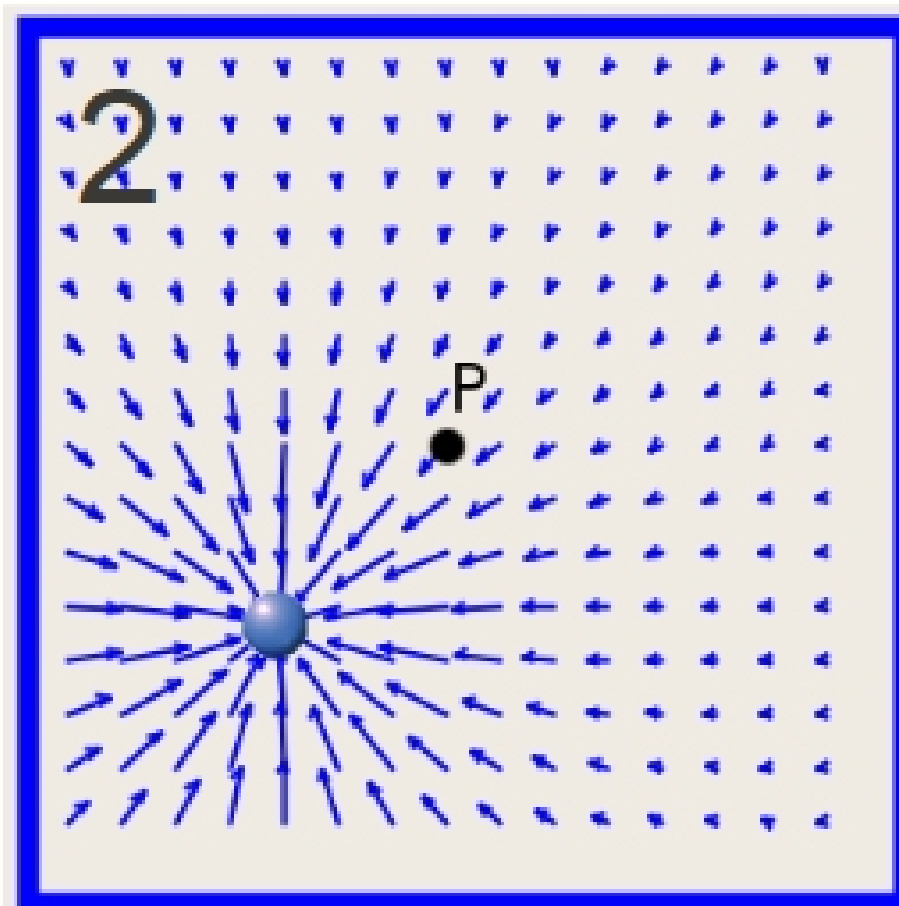
1/27/2011

Supplementary Material for
PHY1308 (General Physics -
Electricity and Magnetism)

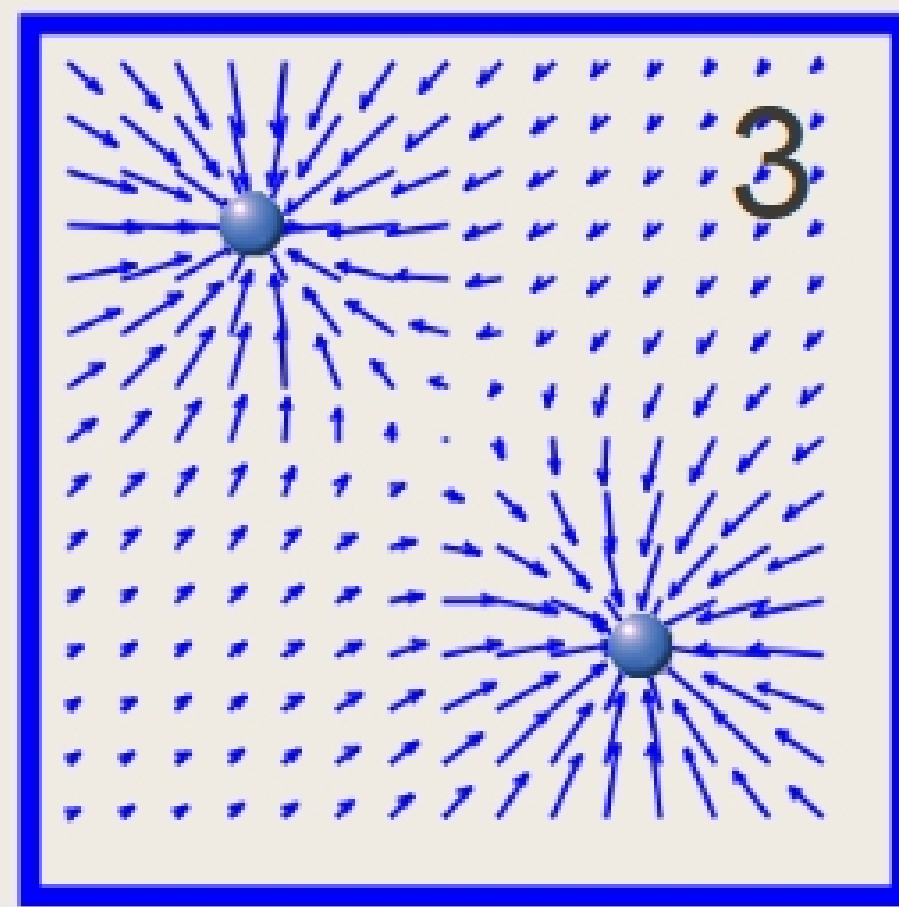
1) What is the sign of the electric charge in this image?



2) A positive charge is placed at location P. In what direction does it move?



3) Each of the charges shown in the image at the right has the same magnitude, $|q|=1.0\text{C}$. What is the total charge represented by these two particles, including the sign of their total charge?



ANNOUNCEMENTS

- Homework 1:
 - Due next Monday by 8pm
 - Use courses.smu.edu to submit, if possible
- TA-led help sessions/office hours
 - Farley Ferrante: FS60
 - Thursday: 6-8pm
 - Jessica Ginsberg: FS157
 - Wednesday: 6-7pm
 - Saturday: 6-7pm