

ELECTRIC FIELD LINES AND ELECTRIC FLUX

Prof. Stephen Sekula
9/1/2010

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

ANNOUNCEMENTS

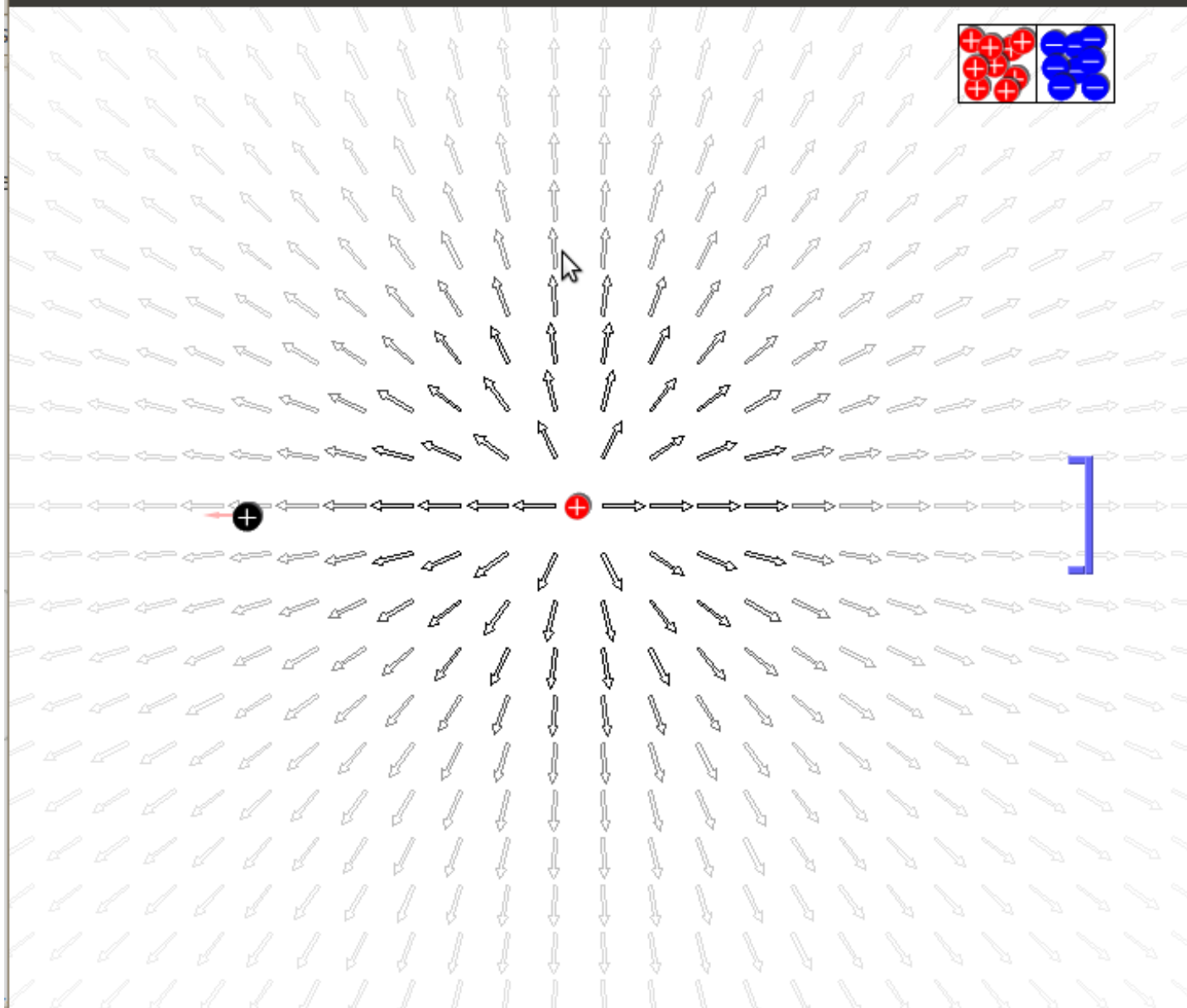
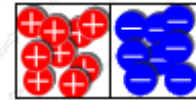
- Homework 2:
 - Assigned Monday, due next Tuesday by 5pm
 - place in my mailbox in Fondren Science 102
 - grader will pick up at 5 sharply. Anything later than that gets a zero.
 - Bonus problem!
 - worth extra points on the first in-class exam (Sep. 24)
- First official in-class Quiz
 - Friday! Based on the problems and concepts from Homework 1.
 - Bring pens/pencils and calculator

TABLE OF CONTENTS

- Lightning Doesn't Kill Me In My Car
- Electric Field Tracing and Visualization



<http://www.youtube.com/watch?v=FKtQstoYmvs>



Start

Reset

Tries: 1



Pause

Clear



Puck Is Positive



Trace



Field



Antialias



Practice

Difficulty:



1



2



3

Charges: 1

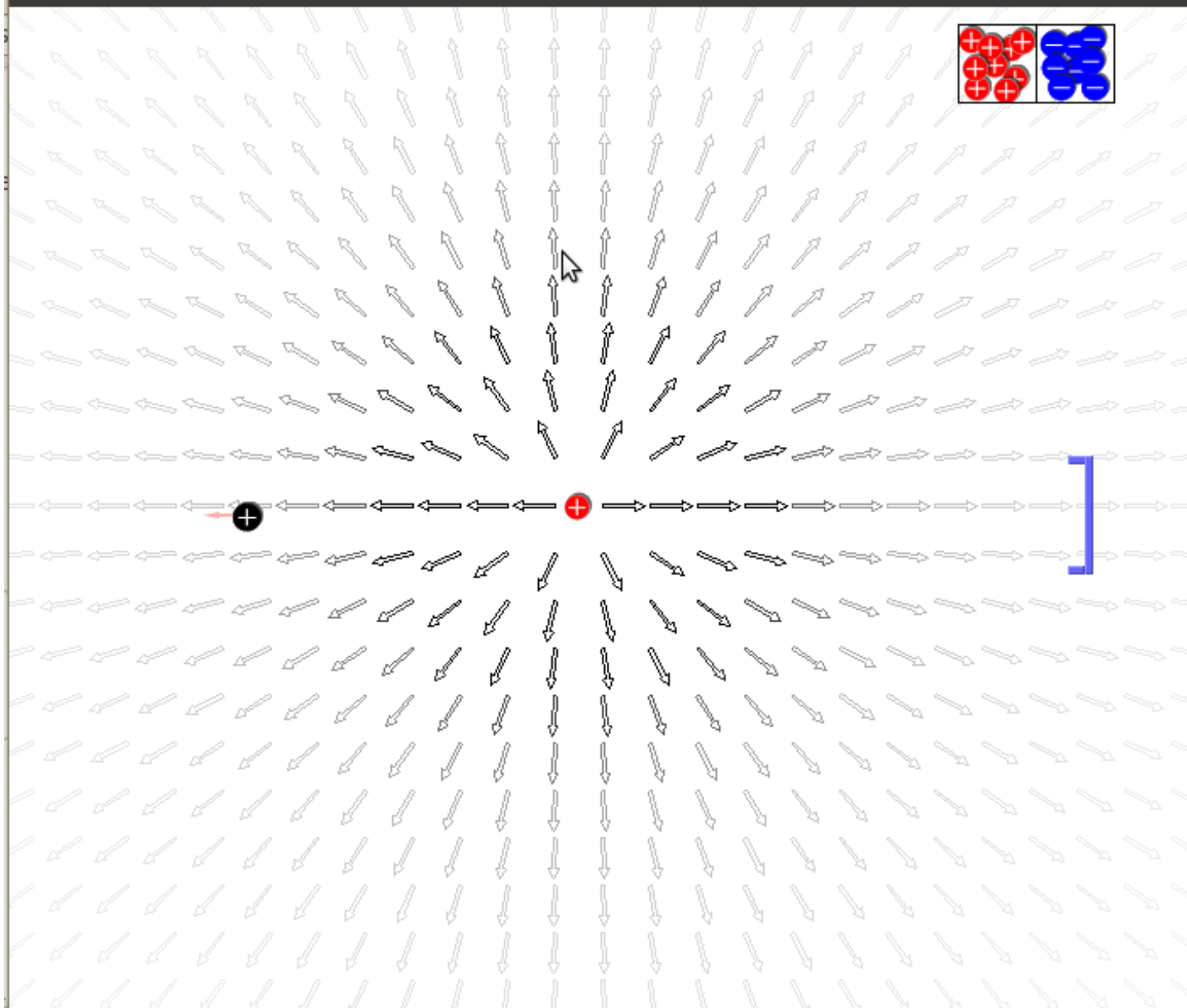
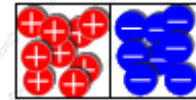
Mass

25

25







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3

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