

Assignment 7
PHGN361

Homework due March 2

1. Before the Friday (Feb. 25) class go to the following link (it is a live link on the wiki under course links)
<http://web.mit.edu/8.02t/www/802TEAL3D/visualizations/electrostatics/electrostaticforce/electrostaticforce.htm>
Play and have fun with the applet.
2. Because of your expertise you've been contacted by the press for an opinion on the article found here
<http://well.blogs.nytimes.com/2011/02/22/cellphone-use-tied-to-changes-in-brain-activity/>
(it is a live link on the wiki under course links) Write a paragraph or two on why this is or is not a reasonable result.
3. Derive vector identity 5 in the inside of the front cover of our text.
4. Read section 4.1.1, 4.1.2, 4.1.4, 4.2.1, 4.2.2, 4.2.3, 4.3.1.
5. problems chapter 4: 1, 2, 4 9, 11, 14, 15.