Assignment

Read 16.5 up to p. 993.

- p. 997 5, 11, 17, 18

Take-aways

After reading this section, attending this class and doing this homework you should

- understand conceptually and graphically what an orientation is
- know and understand the formula for a vector surface integral and see how the formula is analogous to that of the vector line integral, and understand how the formula relies on a choice of orientation
- understand that you compute a vector surface integral as a scalar surface integral
- be amazed at how many steps are involved in solving a simple surface integral