

Third day of class (No computers yet):

1. Introduce the concept of surfaces.
2. Go over Example 8.3.8 (Page 16)
3. Go over Example 8.3.9 (Page 18)
4. Go over Example 8.3.11 (Page 20)
5. Go over Example 8.3.12 (Page 22)
6. Go over longitude and latitude.
7. Discuss that we introduce coordinates in oceanography by setting the origin of our coordinate system at a point on a fixed point on the surface of the planet, then set coordinate axes with the x-axis pointing east, y-axis pointing north, and the z-axis obtained by taking the cross product.