Lesson 0420 Monday, April 20, 2020

Good New Week to all who read this! Here's today's to do list.

- Re-read Thomas Section 16.5 pages 12185 through 1188, the subsection on Surface Integrals up to but not including Moments and Masses.
- Do problems 16.5 # 6, 13, 16, 21, 26.
- Find the *actual* correct answer to which of the following is/are true:
  - The double integral of divergence in a region equals flux across the boundary.
  - The double integral of divergence in a region equals flow along the boundary.
  - The double integral of curl in a region equals flux across the boundary.
  - The double integral of curl in a region equals flow along the boundary.

We *will* keep doing this until everyone gets it right. I noticed only three views on my video where I feebly attempted to explain the correct answer here. But you don't need the video just to answer this; it can be gleaned from the book. Write the correct answers to the above issue, at

0420 Vector Calculus Checkin