VECTOR CALCULUS
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Lesson 0417
Thursday, April 17, 2020

Good Morning to all who read this!
Your assignment for this today and/or this weekend follows.

- Review the solutions to your quiz posted as document `QVectx0416-Solutions.pdf`.
- 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. Do more problems if you need more practice.
- 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. Write the correct answers to the above issue, at

0417 Vector Calculus Green's Theorem Understanding Checkin