University of Toronto at Scarborough Department of Computer & Mathematical Sciences

MATA33S

Assignment 11

Winter 2018

This is the last assignment for MATA33S. It deals with iterated, double, and triple integrals. It would be a very good idea to review techniques of integration from MATA32 for this Assignment 11 and for the Final Exam. Students are responsible for the readings, lecture material, problems, and solutions pertaining to this Assignment 11 (and all previous assignments/solutions).

Final Exam: Thursday April 26, 9:00am - 11:50am.

Study: Section 17.9.

Problems:

- 1. Section 17.9, Pages 792 # 3, 5, 8 22.
- 2. Re-do problems 8 18 on page 792 above by reversing the order of integration.
- 3. Evaluate the following integrals (some may require you to reverse the order of integration).

Notes:

1. The posted solutions for this Assignment 11 are courtesy of Professor Moore. You will see his excellent typesetting and graphics in those solutions.

2. An Information Sheet for the Final Exam will be posted at the web site home page in due course, as will a schedule of Pre-Exam Office Hours.