HOMEWORK 19
CALCULUS III
DUE 04-04

Show your work!

(1) Work Example 14.2.3 on p. 997, using the order of integration $\mathrm{d}x\,\mathrm{d}y$ (first x, then y). **Do not** use Wallis's formula.

- **Nine** book problems: #14.2.11, 15, 30, 37, 56, 57, 70, 71, 91. For #14.2.91, you **must** re-write the single integral as a double integral and switch the order of integration.