# Math 18 fall 2010

# Homework Set #7

# due Thursday October 28, 2010 at noon

**Topics covered:** double integrals over nonrectangular regions, area as a double integral, double integral in polar coordinates

**Suggested reading[1]:** Sections 14.2-3

**Problems:**

| Sections | 14.2 | 14.3 |
|---|---|---|
| Problem no. | 3,17,22,29,33,36,42,53,63 | 6,7,10,22,23,35,43,46 |

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[1]All problems and readings are from H.Anton, I.Bivens and S.Davis, Calculus Multivariable, 9 edition