Math 10B Homework Assignment (01/19 – 01/23)
Assignment will be collected on 01/30 the next Friday during the class.

Key notions introduced this week:
(1) Triple integrals over a nonrectangle regions, iterated integrals;
(2) Change of variables;
(3) Polar coordinates and formula;
(4) Cylindrical and Spherical coordinates;
(5) Jacobian, area elements and volume elements.

Homework problems:
§5.4. 8, 12, 14, 17, 21.
§5.5. 1, 3, 4, 6, 10, 14, 20, 25, 28.