Math 10B Homework Assignment (05/22 – 05/24)
Assignment will be collected on 05/31 during the class.

Key notions introduced this week:
(1) The general expression of the Stokes Theorem, Fundamental Theorems of Calculus;
(2) Orientation of the boundary of a region, Green’s Theorem and area formula;
(3) Generalization of Green’s Theorem: Stokes’ Theorem on a surface.

Homework problems:
\[ 8.1. \ 1, \ \text{3(a,b)}, \ 5, \ 7, \ 11(a). \]
\[ 8.2. \ 2, \ 5, \ 7, \ 9. \]