Math 10A Homework Assignment (05/13 – 05/20)

Assignment will be collected on 05/27 the next Friday during the class.

Key notions introduced this week:

(1) Implicit differentiations;
(2) Implicit function theorem and inverse function theorem;
(3) Curves, velocity vectors, speed, accelerations;
(4) Newton's second law;
(5) Arc length, arc length differential;

Homework problems:

§3.5. 2, 7, 10, 12.
§4.1. 2, 3, 8, 10, 17.
§4.2. 2, 3.