Math 46-001 Homework Assignment (04/03 – 04/05)

Assignment will be collected on 04/12 next Thursday during the class.

Key notions introduced this week:

(1) Differential equation;
(2) Solution of a differential equation;
(3) Initial value problem;
(4) Ordinary differential equation;
(5) Mathematical Model;
(6) Direction vector;
(7) Order of a differential equation;
(8) First order linear equation;
(9) Homogeneous first order linear equations.

Homework problems:

§1.2. 1, 2(c), 4(c).
§1.3. 1, 2.
§2.1. 1, 6, 16, 31.