Math 46 Homework Assignment (02/08 – 02/13)
Assignment will be collected on 02/20 the Wednesday during the class.

Key notions introduced this week:
(1) Linear independence;
(2) Abel’s Theorem;
(3) Complex roots;
(4) Euler formula, solutions of equations with complex roots;
(5) Repeat real roots;
(6) reduction of order.

Homework problems:
§3.3. 1, 3, 4.
§3.4. 7, 12, 18, 22.
§3.5. 1, 2, 14, 23.