

**Math 46 Homework Assignment (03/01 – 03/06)**

Assignment will be collected on 03/13 the Wednesday in the class.

**Key notions introduced this week:**

- (1) Integral Transform;
- (2) Improper Integrals;
- (3) Laplace Transform;
- (4) Initial Value Problems;
- (5) Inverse Laplace Transform.

**Homework problems:**

§6.1. 1, 5, 6, 9, 15.

§6.2. 1, 3, 7, 11, 22.