

Math 146C Homework Assignment (03/28 – 04/01)

Assignment will be collected on 04/08 next Friday during the class.

Key notions introduced this week:

- (1) Partial differential equation;
- (2) Two points value problem;
- (3) Eigenvalues and eigenfunctions;
- (4) Fourier series and orthogonality;
- (5) Piecewise continuous functions and convergence of Fourier series.

Homework problems:

§10.1. 1, 11, 13.

§10.2. 1, 9, 13.

§10.3. 1, 5.