

## Notes for lecture 2

1. Date: April 14<sup>th</sup>.
2. The class material is based on Sections 1-2 of Chapter 2 of the main textbook and communicates the following issues
  - a. Classification of motion problems
  - b. Rectilinear motion (one-dimensional)
3. People who take only Practice class, may find useful the materials for the Lecture class (specifically, Sections 1-2 of Chapter 2 of the main textbook and lecture slides).
4. In understanding the presentation content and in solving practical problems, the basic knowledge differentiation and integration of functions of single variable (at the level of pre-calculus) is required. In this connection,
  - a. Please brush up differentiation and integration what you learnt in high school.
5. When computing integrals that look difficult to you, you can use Wolfram Alpha (a highly recommended system for doing symbolic(and not only) computations), see <https://www.wolframalpha.com/examples/mathematics/calculus-and-analysis/>
6. The deadline for submitting assignments is April 21.