**Notes for lecture 2**

1. Date: April 14th.
2. Reading: the lecture material is based on Sections 1-2 of Chapter 2 of the main textbook (refer to Chapter2.1-2.pdf file)
3. The lecture (see LectureNotes2.pdf file) communicates the following issues
    a. Classification of motion problems
    b. Rectilinear motion (one-dimensional)
4. Optional Ch2D.swf file for this lecture is provided
    a. To play swf files on your computer you can use standalone Adobe Flash Player available from https://www.adobe.com/support/flashplayer/debug_downloads.html
    b. Note also that you can play swf files in Ipad and Iphone (see details in https://www.idealshare.net/ipad-ipod-iphone/play-swf-on-ipad.html);
    c. When playing the file don't push Main Menu button.
    d. The content of Ch2D.swf file relevant to this lecture (yellow buttons)
        i. *Introduction*
        ii. Coordinate Systems
            1. *One-dimensional*
5. 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.
    b. 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.