

## Exercise #2

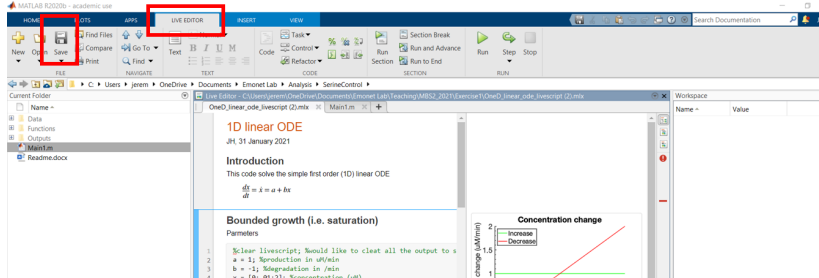
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Due: before class on Tuesday, January 30, 2024

Please upload it to the Canvas Box (title: 'LastnameFirstname\_Exercise2'). Upload MATLAB code (from livescript) as a pdf. Scan handwritten parts if necessary.

0. Read this week's notes so you know what is there (may be handy for later on).

1. Answer the 7 questions in the live script called `GeneticSwitchClass.mlx`. Upload the live-script to Canvas as a PDF. To convert a live-script to a pdf, enter the 'Live-editor' tab and select 'Export to PDF' from the dropdown menu under 'Save'.



2. This equation is going to come up often.

(i) Solve for the roots (you might want to re-memorize this):

$$ax^2 + bx + c = 0$$

(ii) Calculate the sum of the roots and the product of the roots.

3. How would you describe your programming ability (if you are good at one program like Python, C++, R then you will soon be good at MATLAB).

A. Novice B. Moderate C. Expert