

## Class Info

- Date: Thursday, February 10, 2021, 2:30-3:45pm
- Meeting Info: Class will meet synchronously on zoom ([zoom link](#))

## To-Do Before Class

N/A

## Topic

Transformation of Nonlinear Equations into Separable Equations

## Objectives

- Recognize and solve Bernoulli Equations
- Recognize and solve homogeneous ( $y$  over  $x$ ) equations

## Activities

[Zoom recording](#)

Office hours notes

[Lesson-4\\_-Bernoulli-and-homogeneous-y-over-x](#) **Download**

Class notes

[Office-hours-2-11-21](#) [Download](#)

## To-Do After Class

Don't forget - your first [OpenLab Discussion assignment](#) is also due on 2/18.

### 1. WeBWork assignments due Thursday 2/18/21:

- *Bernoulli-nosub*

NOTE: In problem #3 of this problem set, more than one student had trouble with the constant - their answer had "+7c" in the expression, but WW wanted "+c". This is a case where constants *are* absorbed/merged (or at least, where this is expected). Apologies for this inconsistency!

- *Homogeneous-YoverX*

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