

Class Info

- **Date:** Tuesday, February 9, 2021, 2:30-3:45pm
- **Meeting Info:** Class will meet synchronously on zoom ([zoom link](#))

To-Do Before Class

N/A

Topic

Linear First Order Equations (continued)
Separable Equations

Objectives

- Find solutions to non-homogeneous linear first-order differential equations and initial value problems.
- Solve separable equations both implicitly and explicitly (solve for y)
- Find solutions to separable differential equations and initial value problems.

Activities

[Zoom recording](#) (password sent by email).

Class notes:

[Lesson-3_-FOL-nonhomogeneous-SeparableDownload](#)

Student hours notes:

[Office-hours-2-9-21Download](#)

To-Do After Class

1. **WeBWorK assignments due Tuesday 2/16/21:**
 - *Nonhomogeneous_Linear*

- *Separable*. (WEBWORK HINT: For the first two problems, do NOT simplify your constant by combining to make a new constant - if your original answer has "+7c" then don't change this to "+c" - WeBWorK will not accept it).

2. OpenLab discussion assignment due Thursday 2/18/21:

- [Discussion: Advice from the Past](#)

[Print this page](#)