

## Class Info

- Date: Tuesday, May 11, 2021, 2:30-3:45pm
- Meeting Info: Class will meet synchronously on zoom ([zoom link](#))

## To-Do Before Class

N/A

## Topic

The Inverse Laplace Transform and the method of partial fractions

## Objectives

- Use the method of partial fraction decomposition to apply the Inverse Laplace Transform to more complicated functions

## Activities

[Zoom recording](#)

lecture notes:

[Lesson-27\\_-Inverse-Laplace-Transform-and-partial-fraction-decomposition](#) **Download**

## Resources

You may wish to refer to this [Table of Laplace Transforms](#) when completing your homework.

Trouble with partial fractions? Here are two videos that might help:

1. Partial Fraction Decomposition - a basic example. *This is a good basic example.*  
<https://www.youtube.com/watch?v=HZTv4zCgEnA>
2. Partial Fraction Decomposition - another example. *This is a slightly longer example, and it includes a good explanation of how to set up your partial fractions for different kinds of factors in the denominator.*  
<https://www.youtube.com/watch?v=pZ9FfGy3Cfw>

## To-Do after class

1. WeBWork Due Thursday 5/20: Partial Fraction Decomposition

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