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-decompositionDownload

Resources

You may wish to refer to this Table of Laplace Transforms when completing your homework.

Trouble with partial frations? 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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