Homework Assignment 19

Assigned Tuesday February 4; due Monday February 24 at the tutorials

web version: http://www.math.toronto.edu/~drorbn/classes/0203/157AnalysisI/HW19/HW19.html

Required reading

The appendix "The Cosmopolitan Integral" of Spivak's Chapter 19, and Spivak's Chapter 20 up to the end of the proof of Theorem 2.

To be handed in

- From Spivak's Chapter 19: 21b, 39.

- From the appendix to Spivak's Chapter 19: 11, 13.

Recommended for extra practice

- From Spivak's Chapter 19: 17, 21a, 24, 33.

- From the appendix to Spivak's Chapter 19: 2.

Just for fun

When a wire is hanging between two poles, why is what you see the graph of $y = \cosh x$?