

Dror Bar-Natan: Classes: 2003-04: Math 157 - Analysis I:

Homework Assignment 20

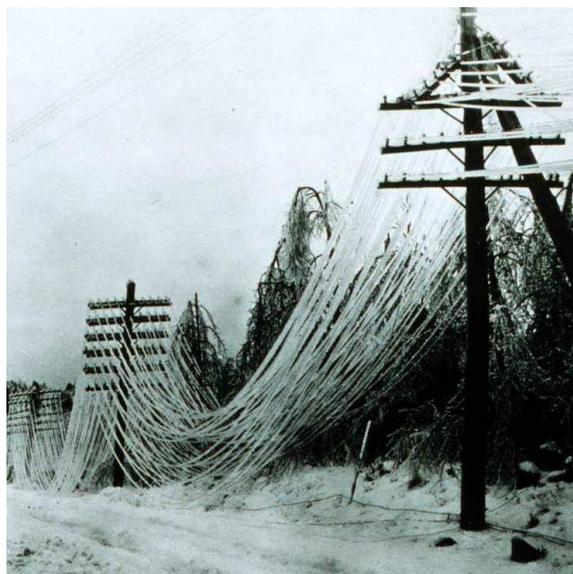
Assigned Tuesday February 24; due Friday March 5, 2PM, at SS 1071

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: 21a, 39. From the appendix to Spivak’s Chapter 19: 11, 13.

Recommended for extra practice. From Spivak’s Chapter 19: 17, 21b, 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 $y = \cosh x$?



Power lines sag with ice.