Measuring Infinite Sets

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Abstract: We can measure the size of finite sets, and determine when one is larger in size than another. In this talk we aim to do the same for various infinite sets. We will examine some apparent paradoxes of infinite sets such as every infinite set has a proper subset as large as it, and will show some infinite sets are indeed larger than others.

The talk will be accessible to a general audience. Students are welcome.

2.30 – 3.30 pm, Wednesday, December 12, 2012

Room: E-218 C (Refreshments will be served at 2:20pm)

Organizers: Natalia Mosina, Mahdi Majidi-Zolbanin and Svetoslav Zahariev