

**NEW YORK SEMINAR ON GENERAL TOPOLOGY
AND TOPOLOGICAL ALGEBRA**

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December 9, 2010: Jocelyn R. Bell, SUNY at Buffalo; "Normality of Uniform Box Products", at Baruch College, CUNY, in the Vertical Campus, Lexington Av. and 24 St. Tea at 3:15 pm and talk at 4:00 pm in the Mathematics Conference Room, VC 6-215. For more information, contact A. Todd, artodd@panix.com

Abstract: An important unsolved problem in topology is the box product problem, which asks whether the product of compact spaces with the box topology is normal. Applying uniformities, we introduce a new topology on products which sits between the box and Tychonov products called the uniform box product. This new product is an extension of the sup metric to products of compact spaces. We will show, in ZFC, that the uniform box product of a certain compact space is normal.

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