

B I - C O M A T H E M A T I C S C O L L O Q U I U M

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“Symmetry and Curvature”

Monday, March 19, 2007

Talk at 4:15 – Park 328
Tea at 3:45 – Park 355, Math Lounge

Abstract: The notion of symmetry is fundamental in mathematics. I will discuss what it means for a geometric space to have positive curvature. Studying the symmetries of such spaces leads to beautiful interactions between algebra and geometry. I will describe recent work with undergraduate REU participants related to positive curvature and symmetry groups. Some abstract algebra will be assumed.

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