BI-CO MATHEMATICS COLLOQUIUM

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"From hermitian matrices to symplectic geometry and back again."

Monday, February 18, 2008

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

Abstract:

With hermitian matrices as a guiding example, this talk will discuss convexity theorems in symplectic geometry, how these convexity phenomena were first suggested by linear algebra and how they end up providing elegant proofs of other hard linear-algebraic problems.

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