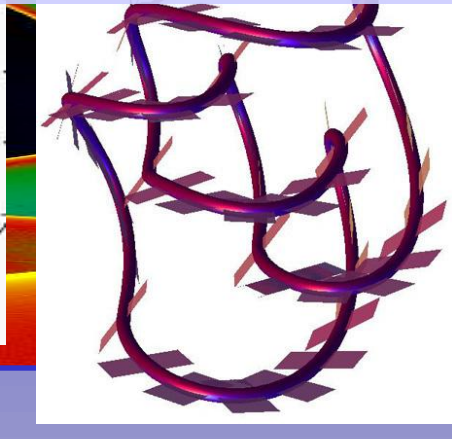
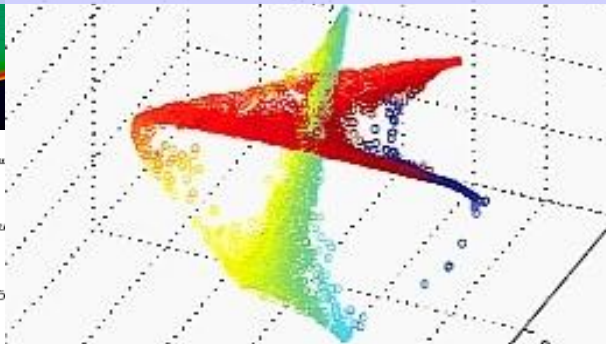
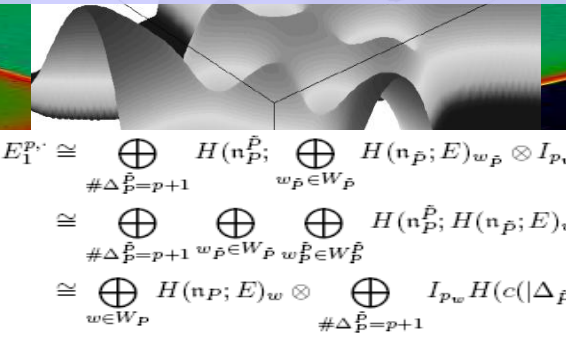
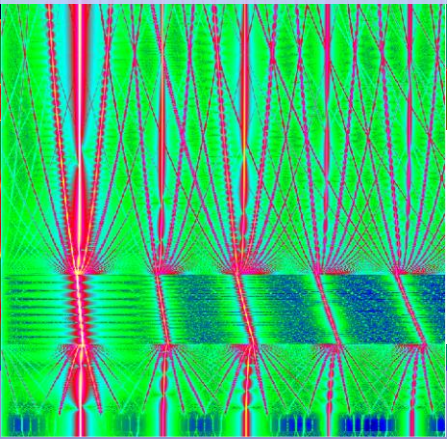


Pure and Applied Mathematics Graduate Study at Duke University



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Topology

Algebraic Topology: R. Hain, W. Pardon, L. Saper • **Geometric Topology:** J. Harer, L. Ng

Algebra & Number Theory

R. Calderbank, J. Getz, R. Hain, E. Miller, L. Pierce, L. Saper, C. Schoen

Mathematical Physics

General Relativity: H. Bray, A. Petters • **String Theory:** P. Aspinwall, R. Plesser, M. Stern

Probability & Stochastic Analysis

R. Calderbank, R. Durrett, J. Lu, M. Maggioni, J. Mattingly, S. Mukherjee, J. Nolen

Analysis & Partial Differential Equations

Analysis: M. Reed • **Harmonic Analysis:** R. Calderbank, I. Daubechies, M. Maggioni, L. Pierce • **Partial Differential Equations:** T. Beale, J.-G. Liu, J. Lu, J. Mattingly, J. Nolen, M. Stern, T. Witelski • **Integrable Systems:** S. Venakides

Numerical Analysis & Scientific Computing

Multiscale Methods: I. Daubechies, A. Layton, J.-G. Liu, J. Lu, M. Maggioni, J. Mattingly, J. Nolen • **Computational Geometry and Topology:** P. Aspinwall, J. Harer, E. Miller

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Application Deadline: January 3, 2014