Applied Mathematics Seminar

A Geometric Formulation of Lax Integrability for Nonlinear Evolution Equations

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Abstract:

A number of results we have obtained recently are reviewed in geometric form. The relation between Lax integrabilitty and complete integrability is discussed. A geometric interpretation of Lax equation is presented. The idea of gauge transformations and Darboux transforms are introduced.

Date: Tuesday, March, 1, 2016   Time: 3:00-4:00PM
Place: MAGC 1.302

Coffee will be served. For further information or for special accommodations, please contact Dr. Ranadhir Roy at 665-2371 or via email at ranadhir.roy@utrgv.edu