Colloquium

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Friday, January 27, 2012 at 3 pm in Bell Hall 143

Recent Developments on the Asymptotic Behavior of Solutions to Nonlinear Evolution and Difference equations of Monotone Type

After reviewing some basic background material related to maximal monotone operators in a Hilbert space, and first order evolution and difference equations associated to them, we will concentrate on the asymptotic behavior of solutions to some classes of non homogeneous second order evolution and difference equations of monotone type, and present some recent developments in the field and new results we have recently obtained.