



Hamilton Institute

Hysteresis operators and fluid models of queueing networks*

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Friday, February 17th, 2006

Abstract

The talk introduces a few hysteresis operators that could be found in ICT and is supported by a set of interactive applets that exemplify the behaviour of hysteresis nonlinearities.

A particular attention is given to the fluid flow models, of queueing networks, and a multi-dimensional Skorokhod problem which can be described in terms of Play/Stop hysteresis operators.

*by O. Rasskazov, A. Vladimirov, A. Pokrovskii.

Venue: Seminar Room, Hamilton Institute, Rye Hall,
NUI Maynooth

Time: 1.00 - 2.00pm (followed by tea/coffee)

Travel directions are available at www.hamilton.ie



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