



McMaster University



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THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

EXPOSITORY SEMINAR SERIES ON DYNAMICAL SYSTEMS

SPEAKER:

ALI LARI-LAVASSANI
The Fields Institute

On the Topic:

"Multiparameter Bifurcation via Singularity Theory"

The machinery from singularity theory introduced by Golubitsky, Stewart and Schaeffer, to study equivariant bifurcation problems is completed and expanded while generalized to the multiple parameter context. In this setting the finite determinacy theorems or normal forms, the stability of an equivariant bifurcation problem and the structural stability of the universal unfolding are discussed.

Thursday, October 8, 1992 at 1:30 - 2:30 pm, room 3018

at

The Fields Institute

In the context of the 1992-93 Program in Dynamical Systems and Bifurcation Theory, this seminar series will be primarily offered for graduate students and postdoctoral fellows; however all interested participants are welcome to attend and/or offer to give a talk. The talks will be expository in style and require minimal prerequisites in order to be accessible to a general mathematical audience. This is an ongoing series each week through December 3, 1992, except Oct 15 and 22. Anyone interested in giving a talk, please contact Ali Lari-Lavassani: lavassan@fields.uwaterloo.ca. (There will be no talks October 15 or 22.)

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