Seminar

Dr. Francis Valiquette
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Thursday, May 25, 2017
HH-3017, 2:00p.m.

Equivariant Moving Frames and Symmetry
Reduction of Ordinary Differential Equations

Abstract:

The method of equivariant moving frames is a powerful technique for constructing differential invariants of a Lie group action. After introducing the basic moving frame constructions, I will explain how these can be used to solve ordinary differential equations that admit a group of symmetries.