Recursive properties on generalized ODEs

Everaldo de Mello Bonotto*

Department of Applied Mathematics and Statistics
University of São Paulo
São Carlos, Brazil

Abstract

In this talk, we present some results on topological properties of semiflows in the framework of generalized ordinary differential equations. We define the concept of generalized semiflow and we present some recursive properties as minimality and recurrence.

References

[1] E. M. Bonotto; M. Federson; M. C. Gadotti, Recursive properties on generalized ordinary differential equations and applications, Submitted.

-

^{*}Partially supported by FAPESP grant 2019/03188-7 and CNPq grant 310497/2016-7, e-mail: ebonotto@icmc.usp.br