

Title: Optimal feedback control for impulsive systems on the space of finitely additive measures

Author(s): N. U. Ahmed

In this paper we consider evolution equations and inclusions on the space of finitely additive measures arising naturally from differential equations and inclusions (on Banach spaces) containing non smooth vector fields or and multi functions possessing only measurable selections. We also consider applications of these results to control theory and min-max problems for uncertain dynamic systems.

Address:

N. U. Ahmed SITE and Department of Mathematics University of Ottawa Ottawa, Canada *E-mail:* ahmed@site.uottawa.ca