

A Note on Controllability of Nonlinear Volterra Integrodifferential Systems

Krishnan Balachandran; P. Balasubramaniam

Abstract: Sufficient conditions for complete controllability of nonlinear Volterra integrodifferential systems with implicit derivative are established. The results are generalization of the previous results and are obtained through the notions of condensing map and measure noncompactness of a set.

Keywords:

AMS Subject Classification: