

Remarks on the Theory of Implicit Linear Continuous-Time Systems

K. Maciej Przyłuski; Andrzej Sosnowski

Abstract: Given a (not necessarily regular or square) linear implicit system $Ex'(t) = Fx(t) + Gu(t)$, we study the space of admissible initial conditions and the controllable space of the system. Distributional trajectories are considered.

Keywords:

AMS Subject Classification: