

A Classification of Generalised State Space Reduction Methods for Linear Multivariable Systems

A. C. Pugh; N.P. Karampetakis; A.I.G. Vardulakis

Abstract: Two algorithms which reduce a general polynomial matrix model of a linear multivariable system Σ to an equivalent model in generalised state space (g.s.s.) form are proposed. The nature of this equivalence is established.

Keywords:

AMS Subject Classification: