

论文

MINIMAL INVERSION AND ITS ALGORITHMS OF DISCRETE-TIME NONLINEAR SYSTEMS

ZHENG Yufan

Department of Electrical and Electronic Engineering, The University of Melbourne, Parkville, Vic. 3010, Australia; Institute of Systems Science, East China Normal University, Shanghai 200062, China

收稿日期 修回日期 网络版发布日期 接受日期

摘要 The left-inverse system with minimal order and its algorithms

of discrete-time nonlinear systems are studied in a linear

algebraic framework. The general structure of left-inverse system

is described and computed in symbolic algorithm. Two algorithms

are given for constructing left-inverse systems with minimal

order.

关键词 [Left-inverse, discrete-time system, nonl](#)

分类号

MINIMAL INVERSION AND ITS ALGORITHMS OF DISCRETE-TIME NONLINEAR SYSTEMS

ZHENG Yufan

Department of Electrical and Electronic Engineering, The University of Melbourne, Parkville, Vic. 3010, Australia; Institute of Systems Science, East China Normal University, Shanghai 200062, China

Abstract The left-inverse system with minimal order and its algorithms of discrete-time nonlinear systems are studied in a linear algebraic framework. The general structure of left-inverse system is described and computed in symbolic algorithm. Two algorithms are given for constructing left-inverse systems with minimal order.

Key words [Left-inverse](#) [discrete-time system](#) [nonlinear system](#) [symbolic computation](#)

DOI:

通讯作者

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF\(0KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [复制索引](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含 “Left-inverse, discrete-time system, nonl”的 相关文章](#)

▶ [本文作者相关文章](#)

· [ZHENG Yufan](#)