



航空学报 » 1997, Vol. 18 » Issue (1) :84-86 DOI:

论文

[最新目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)

[<<](#) [<](#) [前一页](#) | [后一页](#) [>](#) [>>](#)

### 简化概率数据关联算法

李建勋, 敬忠良, 戴冠中, 金德琨

西北工业大学自动控制系统, 西安, 710072

### SIMPLIFIED PROBABILISTIC DATA ASSOCIATION ALGORITHM

Li Jianxun, Jing Zhongliang, Dai Guanzhong, Jin Dekun

Department of Automatic Control, Northwestern Polytechnical University, Xi'an, 710072

摘要

参考文献

相关文章

Download: [PDF \(205KB\)](#) [HTML OKB](#) Export: [BibTeX](#) or [EndNote \(RIS\)](#) [Supporting Info](#)

**摘要** 基于所有落入目标关联域内的点迹并不都与目标关联的事实, 提出了一种新颖的工程概率数据实用算法——基于聚矩阵分解的概率数据关联算法。仿真结果表明该算法具有计算量小, 关联性能好等优点

**关键词:** 矩阵分析 数据相关 多目标跟踪

**Abstract:** Based on the fact that the return which belongs to the correlation region is not associated with all targets, a new algorithm called probabilistic data association algorithm based on cluster matrix decomposition is presented. The simulations show that the computation burden is less, and association property is better.

**Keywords:** matrix analysis data correlation multiple target tracking

Received 1995-10-31; published 1997-02-25

引用本文:

李建勋;敬忠良;戴冠中;金德琨. 简化概率数据关联算法[J]. 航空学报, 1997, 18(1): 84-86.

Li Jianxun;Jing Zhongliang;Dai Guanzhong;Jin Dekun. SIMPLIFIED PROBABILISTIC DATA ASSOCIATION ALGORITHM[J]. Acta Aeronautica et Astronautica Sinica, 1997, 18(1): 84-86.

#### Service

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ Email Alert
- ▶ RSS

#### 作者相关文章

- ▶ 李建勋
- ▶ 敬忠良
- ▶ 戴冠中
- ▶ 金德琨