



吉首大学学报自然科学版 » 2008, Vol. 29 » Issue (2): 10-13 DOI:

数学 [最新目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#) ◀ Previous Articles | Next Articles ▶

## 概率S-粗集与它的生成结构

(1.三明学院数学与计算机科学系,福建 三明 365004; 2.山东大学数学与系统科学学院,山东 济南 250100; 3.海南师范大学计算机科学与教育技术系,海南 海口 571158)

### Probability S-Rough Sets and It's Generation Structure

(1.Department of Mathematics and Computer Science,Sanming College,Sanming 365004,Fujian China;2.School of Mathematics and System Sciences,Shandong Univ.,Ji'nan 250100,China;3.Department of Computer Science and Education Technology,Hainan Normal Univ.,Haikou 571158,China)

- 摘要
- 参考文献
- 相关文章

全文: [PDF \(1940 KB\)](#) [HTML \(1 KB\)](#) 输出: [BibTeX](#) | [EndNote \(RIS\)](#) [背景资料](#)

**摘要** 提出了概率S-粗集,给出了概率单向S-粗集与概率双向S-粗集的数学结构,分析了概率S-粗集与概率粗集以及Pawlak粗集的关系.

**关键词:** S-粗集 概率粗集 概率S-粗集

**Abstract:** Probability S-rough sets is proposed and mathematical structure of probability one direction S-rough sets and probability two direction S-rough sets are given,then the relation among probability S-rough sets,probability rough sets and Pawlak's rough sets are analyzed.

**Key words:** S-rough sets probability rough sets probability S-rough sets

#### 基金资助:

国家自然科学基金资助项目(60364001,70461001); 海南省自然科学基金资助项目(807054)

**作者简介:** 田民鸽(1969-),男,福建大田人,三明学院数学与计算机科学系讲师,主要从事粗糙集理论与应用研究;付海艳(1978-),女,山东博兴人,副教授,山东大学在读博士,主要从事模糊集理论、粗糙集理论研究.

#### 引用本文:

田民鸽,付海艳. 概率S-粗集与它的生成结构[J]. 吉首大学学报自然科学版, 2008, 29(2): 10-13.

TIAN Min-Ge,FU Hai-Yan. Probability S-Rough Sets and It's Generation Structure[J]. Journal of Jishou University (Natural Sciences Edit, 2008, 29(2): 10-13.

[1] PAWLAK Z.Rough Sets [J].International Journal of International Sciences,1982, (11):341-356.

[2] HASHEMI R R.A Hybrid Intelligent System for Prediction Bank Holding Structures [J].European Journal of Operational Research,1998, (109):390-402.

[3] PAWLAK Z.Rough Sets,Decision Algorithm and Bayes' Theorem [J].European Journal of Operation Research, 2002, (136):181-189.

[4] 张文修,吴伟志,梁吉业,等.粗糙集理论与方法 [M].北京:科学出版社,2001.

[5] SHI Kai-quan.S-Rough Sets and Its Application in Diagnosis-Recognition for Disease [J].IEEE Proceedings of the First International Conference on Machine Learning and Cybernetics,2002,4(1):50-54.

[6] SHI Kai-quan,CUI Yu-quan.One Direction S-Rough Decision and Its Decision Model [J].IEEE Proceedings of the Third International Conference on Machine Learning and Cybernetics,2004,7(3):1 352-1 356.

[7] SHI Kai-quan.S-Rough Sets and Knowledge Separation [J].Journal of System Engineering and Electronics,2005,(2):24-27.

服务	
▶	把本文推荐给朋友
▶	加入我的书架
▶	加入引用管理器
▶	E-mail Alert
▶	RSS
作者相关文章	
▶	田民鸽
▶	付海艳

- [8] YIN Shou-feng,HU Hai-qing,SHI Kai-quan.Rough Recognition of Knowledge and Its Applications [J].An International Journal of Advances in System Sciences and Applications,2004,(1):13-22.

没有找到本文相关文献

版权所有 © 2012《吉首大学学报（自然科学版）》编辑部

通讯地址：湖南省吉首市人民南路120号《吉首大学学报》编辑部 邮编：416000

电话传真：0743-8563684 E-mail：xb8563684@163.com 办公QQ：1944107525

本系统由北京玛格泰克科技发展有限公司设计开发 技术支持：support@magtech.com.cn