

工程与应用

基于模糊决策树的出口纺织品反倾销预警系统

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摘要 以中国和欧盟的纺织品贸易为研究对象, 并在此基础上建立基于模糊决策树的反倾销预警系统, 从而为政府研究和制定反倾销政策和措施提供依据, 避免或减少反倾销给我国纺织业造成的损失。选取欧盟贸易保护程度、中国纺织品出口增长速度、双边贸易摩擦程度、市场经济程度4个综合预警指标, 区别于传统的建模方法, 应用模糊决策树技术建立纺织品反倾销预警系统。检验结果表明该预警模型具有较好的预测效果, 在反倾销预警领域里有较好的应用前景。

关键词 [模糊决策树](#) [反倾销](#) [预警](#) [纺织品](#)

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Export textile products anti-dumping early-warning system based on fuzzy decision tree

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Abstract

The textile products trade between China and EU is examined to construct an anti-dumping early-warning system based on fuzzy decision tree. This system is helpful to government and enterprise to determine policies and take measures and reduce the number of anti-dumping, avoid and relieve the cost caused by anti-dumping survey. The degree of EU's trade protection, increasing speed of Chinese export textiles products, degree of trade friction between China and EU and degree of market economy are used as anti-dumping early-warning system evaluation indexes. The fuzzy decision tree model is different from traditional modeling methods in constructing textile products anti-dumping early-warning system. The result of the positive research indicates that this system is valid for textile products anti-dumping risk prediction and it has a good application prospect in this area.

Key words [fuzzy decision tree](#) [anti-dumping](#) [early-warning](#) [textile products](#)

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