

## عنوان مقاله:

New Intelligent System for Dirt Recognition and Optimal Cloth Washing Utilizing Fuzzy Calculating Human Intelligence Modeling

## محل انتشار:

یازدهمین کنفرانس سیستم های فازی ایران (سال: 1390)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

This paper proposes a computational approach based on fuzzy logic to modeling human intelligence in washing clothes. First, an intelligent feedback loop is designed for perception-based sensing of dirt inspired by human color understanding. Then, the problem of recognizing dirt from stain is considered when color stains out of some colored clothes and human probabilistic decision making is computationally modeled. Finally, intelligent control of washing clothes is discussed and a sample intelligent controller is designed based on the intelligent feedback loop

## کلمات کلیدی:

Washing Clothes, Intelligent Feedback, Intelligent Control, Dirt Percent, Probability of Stain, Fuzzy Logic

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/119121>

