**عنوان مقاله:**

Thinning Based Multipurpose CamouflagePattern Design

**محل انتشار:**

هفتمین کنفرانس ماشین بینایی و پردازش تصویر ایران (سال: 1390)

تعداد صفحات اصل مقاله: 5

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**خلاصه مقاله:**

Traditional generations of camouflage patternwere an artistic and manually work. Most of current computeraided camouflage pattern designs focused on a single backgroundto produce the pattern for. In our proposed method, a multibackground camouflage pattern is designed using Fuzzy CMeans(FCM) clustering method followed by a object thinningalgorithm to combine clustered backgrounds with each other.The goal is to generate patterns with similarity to allbackgrounds. Experimental results and their evaluationsdemonstrate generated patterns inherited color and texturecharacteristics of all backgrounds.

**کلمات کلیدی:**

camouflage pattern design, multipurposecamouflage pattern, FCM clustering, object thinning

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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