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Journal

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RTIPPR

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Number 1 - Article 7

Year of Publication: 2010

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{bibtex}spe93t.bib{/bibtex}

## Abstract

This paper discusses about various image processing techniques and tools which are available for identification of printing technologies. Printing technology identification and associated problems in document forensics have been projected as challenges in image processing application. Various image processing approaches based on textures, spatial variation, HSV color space, spatial correlation, and feature based on histogram and some of the pattern recognition methods, like gray level co-occurrence matrix, roughness of the text, perimeter of edge are highlighted. This paper devotes more on one of the recent contribution,

namely, Gaussian Variogram Model (GVM) for printer classification.

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### **Index Terms**

Computer Science

Pattern Recognition

### **Key words**

Image processing  
Document forensics-printing technique classification  
spatial statics