

# Copy Move Detection

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**Abstract: Copy Move Detection...**

## Introduction

Photo manipulation tools have been becoming more powerful and accessible to use than ever before. Almost anyone can open up their favorite photo manipulation tool, like Adobe Photoshop, and change the image to enhance and alter it. As these techniques get more and more advanced, the distinction between what's real and what's been crafted is becoming blurrier, which means that the human eye has difficulty interpreting which images are authentic.

In this paper, we examine the detection of a particular type of image forgery known as copy-move forgery. Copy-move forgery is when portions of the image are resampled to another part of the image with the intent to change the photo's meaning and context. An example of such an attack is removing a person from the scenery by resampling nearby trees in the image to replace the person.

Table 1: SAMPLE: Topics Derived From Sparse SVD,  $n = 7$

Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6	Topic 7
Silicon	Input	Polypeptides	Spindle	Ester	Freely	Data
Metal	Frequency	Tissues	Lens	Fibers	Branching	System
Formed	Valve	Fibers	Motor	Keto	Foliage	Fiber
Electrode	Amplifier	Methods	Gas	Acid	Flowers	Information
Surface	Power	Compounds	Optical	Valve	Yellow	Network
Semiconductor	Current	Products	Drive	Tissue	Plant	Signal
Substrate	Circuit	Ink	Magnetic	Crosslinked	Habit	Optical

## Methodology

Our methods...

## Results

Our results...

## Discussion and Future Work

Discuss here...

## Acknowledgements

Acknowledge here...

## References

SAMPLE

1. G. Gamow, *The Constitution of Atomic Nuclei and Radioactivity* (Oxford Univ. Press, New York, 1931).
2. W. Heisenberg and W. Pauli, *Zeitschr. f. Physik* **56**, 1 (1929).