DEFACTO Morphing Database

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ABSTRACT

There have been various approaches for generation of doctored images through different techniques. In this paper, we have created an analysis and classification of the morphed images which are created by morphing two genuine images together.

Images are morphed by some forgeries categories namely Copy & Move, Splicing, Object Removal and Morphing. We have used Morphing as a forgery technique for experimenting with the images.

In this Morphing technique there are 3 methods which are mainly used, such as combined, splicing and complete. With that we have calculated and analyzed the scores fetch through Biometric analysis and for the quality check we have made use of forensic analysis.

KEYWORDS

Forgeries, combined, splicing, complete, alpha, morphed, evaluation, Dermalog matcher, Detector, ANANAS web service.

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1 INTRODUCTION

Morphing technique has been rapidly increasing and it has become very easy for anyone to create a doctored image and use it for any purpose. It is increasing crimes, fake identity et al. The morphed images can be used by an imposter to sham the identity; hence it is very crucial to detect these type of scammers. Numerous techniques have been made available for the detection of the doctored images and various categories are been used to analyse them. While morphing, many parameters are been taken into consideration, such as setting up alpha parameter, setting up methods to blend the images.

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Figure 1: Figure Caption and Image above the caption [In draft mode, Image will not appear on the screen]

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1.1 Heading Level 2

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1. In a Word 2010 document, insert a picture.
2. Right click on the inserted picture and select the **Format Picture** option.
3. Select the **Alt Txt** option from the left-side panel options.
4. In the "Title:" and "Description:" text boxes, type the text you want to represent the picture, and then click "Close".

Below are steps to place alt-txt value in **MS Word 2013/2016**. To add alternative text to a picture in Word 2013/2016, follow these steps:

1. In a Word 2013/2016 document, insert a picture.
2. Right click on the inserted picture and select the **Format Picture** option.
3. In the settings at the right side of the window, click on the "Layout & Properties" icon (3rd option).
4. Expand **Alt Txt** option.
5. In the "Title:" and "Description:" text boxes, type the text you want to represent the picture, and then click "Close".

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