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A STUDY OF IMAGE PROCESSING IMPORTANCE IN FORENSIC INVESTIGATION

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ABSTRACT

Image processing, which is the act of executing an operation on a photograph to get better-looking results, is used to improve it. This procedure takes an image as an input and outputs a picture or image attributes or qualities associated with that image. Image processing is used by forensic investigators to better comprehend the information in a photograph during court hearings. To carry out these responsibilities, you'll require an image examiner or picture interpreter. It is important to identify the feature in an image, compute similarity or dissimilarities across images, and gather data for analysis. Investigating in the legal system might be difficult without using scientific and technology methods such as forensic investigations to help you find the guilty person. Forensics Its categories the procedure into two groups: In the first case, image comparison is used to see how similar or different a supplied query image and a known image are. Investigating the substance of an image might provide you insight into what the image is trying to convey. It is possible to determine the origin and source of an image if you are aware of the circumstances or procedures under which the image was acquired (image sources) or created (image origin). The verification of the information content, whether it is an original picture or a changed image, and finally evaluating if the image is real or fake.