Research Paper on Text Extraction using OCR

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Abstract: *Text extraction from images is a challenging task with numerous applications in fields such as document digitization, information retrieval, and image understanding. Extracting text accurately and efficiently from images is crucial for enabling automated processes and facilitating the analysis of large volumes of visual data. This abstract provides an overview of text extraction from images, focusing on recent advancements and techniques employed in this area. Traditional methods for text extraction from images involved preprocessing steps, such as binarization and noise removal, followed by techniques like connected component analysis and optical character recognition (OCR). These approaches often faced challenges in handling complex backgrounds, varying fonts, and distorted or degraded text.*

Keywords: Digitization, Binarization, Extracting.

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