



## Determination and restoration of orientation in scanned image of Multicolumn document

By Vimal Bibhu

GRIN Verlag GmbH GRIN Verlag. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Titel. Neuware - Scholarly Research paper from the year 2015 in the subject Computer Science - Programming, grade: Post Graduate, Amity Business School (Amity University), course: B.Tech & M.Tech, language: English, abstract: The first step of OCR to scan a document. In the process of scanning by OCR system the document is taken as row wise to find the lines of text under the given document. After the determination of row wise lines of document the determination of words and characters by scanning column wise for each pixel. Now each obtained graphical symbol of scanned document is matched with the dictionary of symbol. If at the time of scanning the document is not properly align into OCR then symbol which is being obtained cannot be determined by the dictionary. If the document is unaligned into OCR then the image which is being scanned is rotated accordingly as required to assure that the symbol should be determined properly by the dictionary. Here, the skew detection and correction can correct the angle of 60 degree or less than it. Hence, a...



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