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**RESEARCH AND EVALUATION OF CORRECTION METHODS  
OF GEOMETRIC DISTORTIONS OF TEXT DOCUMENT IMAGES**

**O. V. Tymchenko1,2, I. O. Kulchytska1, R. O. Kulchytsky1, O. O. Tymchenko1**

*1Ukrainian Academy of Printing,  
19, Pid Holoskom St., Lviv, 79020, Ukraine  
irynakylch@gmail.com   
2Uniwersytet Warmińsko-Mazurski,   
2, Michała Oczapowskiego, Olsztyn,10-719, Polska,   
o\_tymch@ukr.net*

***Research methodology.*** *Systems analysis — to compare the existing methods of distortion correction of text documents image, methods of mathematical and computer modeling — to design a framework for the restoration of distorted images of text documents and experimental studies — to assess the proposed method.*

***Results.*** *On average (we have used 50 images), the number of recognition errors by OCR system after applying the proposed method of correction is reduced to 79 percent of the errors in the initial distorted image. In addition, the method of correction of geometric and perspective distortions provides the quality of pre-treatment level better than commercial software BookRestorer.*

***Novelty.*** *The developed method, unlike the existing ones, can be used to images with the combination of several types of distortion.*

***Practical significance.*** *Software algorithm implementation of the developed correction method can be used as preprocessing before the recognition of OCR systems to improve the quality of recognition of distorted images.*