E-mail: 321985@ mail.dyu.edu.tw

:

iii

iv

v

vi

vii

viii

1

1

3

4

6

7

8

8

12

15

19

19

20

27

27

28

35

40

41

Agnihotri, L., & Dimitrova, N. (1999). Text detection for video analysis. IEEE Workshop on Content-Based Access of Image and Video Libraries, 109-113. Washington, DC, USA. Bernsen, J. (1986). Dynamic thresholding of grey-level images. Pattern Recognition, 2, 1251-1255. Blayvas, I., Bruckstein, A., & Kimmel, R. (2006). Efficient computation of adaptive threshold surfaces for image binarization. Pattern Recognition, 39, 89-101. Chun, B. T., Bae, T., & Kim, T. Y. (1999). Text Extraction in videos using topographical features of characters. Fuzzy Systems Conference Proceedings, 1999 IEEE International, 2, 1126-1130. Chow, C.K., & Kaneko, T. (1972). Automatic boundary detection of the left ventriclefrom cineangiograms. Computers and Biomedical Research, 5(4), 388-410. Chena, Q., Suna, Q., Hengb, P. A. & Xiaa, D. (2008). Adouble-threshold image binarization method based on edge detector. Pattern Recognition, 41(4), 1254-1267. Chen, S., & Li. D. (2006). Image binarization focusing on objects. Neurocomputing, 69(16), 2411– 2415. Chaddha, N., Sharma, R., Agrawal, A., & Gupta, A. (1995). Text segmentation in mixed-mode images. 28th International Conference on Signals, Systems and Computers, 2, 1356-1361. Dawoud, A. (2007). Iterative cross section sequence graph for handwritten character segmentation. IEEE transactions on image processing, 16(8), 2150-2154. Eikvil, L., Taxt, T., & Moen, K. (1991). A fast adaptive method for binarization of document images. First International Conference on Document Analysis and Recognition, 3, 435-443. Garcia, C., & Apostolidis, X. (2000). Text detection and segmentation in complex color images. Acoustics, Speech, and Signal Processing, 5, 2326-2329. Gargi, U., Antani, S., & Kasturi, R. (1998). Indexing text events in digital video databases. 14th International Conference on Pattern Recognition (ICPR'98), 1, 916-918. Gatos, B., Pratikakis, I., & Perantonis, S. J. (2006). Adaptive degraded document image binarization. Pattern Recognition, 39(3), 317-327. Gupta, M. R., Jacobson, N. P., & Garcia, E. K. (2007). OCR binarization and image pre-processing for searching historical documents. Pattern Recognition, 40(2), 389-397. Goto, H. (2006). OCRGrid: A platform for distributed and cooperative OCR systems. The 18th International Conference on Pattern Recognition, 2, 982-985. Jain, A. K., & Bhattacharjee, S. (1992). Text segmentation using gabor filters for automatic document processing. Machine Vision and Application, 5, 169-184. Jain, A. K., & Yu, B. (1998). Automatic text location in images and video frames. Pattern Recognition, 31(12), 2055-2077. Jeong, K. Y., Jung, K., Kim, E. Y., & Kim, H. J.(1999). Neural network-based text location for news video indexing. 1999 International Conference on Image Processing, 4, 319-323. Kamel, M.,

& Zhao, A. (1993). Extraction of binary character/graphics images from gray scale document images. Graphical Models and Image Processing, 55(3), 203-217. Kurita, T., Otsu, N., & Abdelmalek, N. (1992). Maximum likelihood thresholding based on population mixture models. Pattern Recognition, 25(10), 1231-1240. Kwon, S. H. (2004). Threshold selection based on cluster analysis. Patten Recognition, 25(9), 1045-1050. Liao, P. S., Chen, T. S., & Chung, P. C. (2001). A fast algorithm for multilevel thresholding. Journal of Information Science and Engineering, 17, 713-737. Long, T., & Jin, L. (2008). A novel orientation free method for online unconstrained cursive handwritten chinese word recognition. The 19th International Conference on Pattern Recognition, 28, 1-4. Cai, M., Song, J., & Lyu, M. R. (2002). A new approach for video text fetection. International Conference on Image Processing, 19, 117-120. Miyao, H., Nakano, Y., Tani, A., Tabaru, H., & Hananoi, T. (2004). Printed Japanese character recognition using multiple commercial OCRs. Journal of Advanced Computational Intelligence and Intelligent Informatics, 8(2), 200-207. Nagy, G. (2000). Twenty years of document image analysis in PAMI. IEEE Transactions on Pattern Analysis and Machine Intelligence, 22(1), 38-62. Niblack, W. (1986). An introduction to digital image processing. Newjersey: Prentice Hall, 115-116. Otsu, N. (1979). A threshold selection method from gray-level histograms. IEEE International Conference on System, Man, and Cybernetics, 9(1), 62-66. Shin, C. S., Kim, K. I., Park, M. H., & Kim, H. J. (2001). Support vector machine-based text detection in digital video. Pattern Recognition, 34, 527-529. Zhao, S. L., & Leem, H. J. (2001). High-precision two-kernel Chinese character recognition in general document processing systems. Sixth International Conference on Document Analysis and Recognition, 15, 617-621. Sezgin, M., & Sankur, B. (2004). A survey over image thresholding techniques and quantitative performance evaluation. Journal of Electronic Imaging, 13(1), 46-168. Shijian, L., & Tan, C. L. (2008). Script and language identification in noisy and degraded document images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 30(1), 14-24. Chou, T. R., & Chang, F. (1997). Optical chinese character recognition for low-quality document images. Proceedings of the Fourth International Conference on Document Analysis and Recognition, 3, 608-611. Mao, W., Chung, F. L., Lam, K. K. M., & Siu, W. C. (2002). Hybrid Chinese/English text detection in images and video frames. International Conference on Pattern Recognition, 310-315. Wu, V., Manmatha, R., & Riseman, E. M. (1997). Finding text in images. Proceedings of the second ACM international conference on Digital libraries, 7, 3-12. Tang, X., Luo, B., Pissaloux, E., & Zhang, H. (2002). Video text extraction using temporal feature vectors. IEEE International Conference on Multimedia and Expo, 1, 85-88. Hua, X. S., Yin, P., & Zhang, H. J. (2002). Efficient video text recognition using multiple frame integration. 2002 International Conference on Image Processing, 13, 71-75. Yan, C., Sang, N., & Zhang, T. (2003). Local entropy-based transition region extraction and thresholding. Pattern Recognition, 24(16), 2935– 2941. Yi Lu, & Shridhar, M. (1996). Character sgmentation in handwritten words - An overview. Pattern Recognition, 29(1), 77-96. Zhong, Y., Karu, K., & Jain, A. K. (1995). Locating text in complex color images. Pattern Recognition, 28(10), 1523-1536.