

## Enhanced Thai Character Recognition with Histogram Projection Feature Extraction

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**Abstract :** This research paper deals with extraction of Thai character features using the proposed histogram projection so as to improve the recognition performance. The process starts with transformation of image files into binary files before thinning. After character thinning, the skeletons are entered into the proposed extraction using histogram projection (horizontal and vertical) to extract unique features which are inputs of the subsequent recognition step. The recognition rate with the proposed extraction technique is as high as 97 percent since the technique works very well with the idiosyncrasies of Thai characters.

**Keywords :** character recognition, histogram projection, multilayer perceptron, Thai character features extraction

**Conference Title :** ICCCISE 2014 : International Conference on Computer, Communication and Information Sciences, and Engineering

**Conference Location :** Bangkok, Thailand

**Conference Dates :** December 18-19, 2014