



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_15512
Title of the Manuscript:	Handwritten Arabic Characters Recognition Based on Wavelet Entropy and Neural Network
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	In this paper, the authors proposed a novel method using Shannon entropy of wavelet packet (SEWP) for handwritten Arabic characters recognition. The combination of Shannon entropy and wavelet tranform is very useful for handwritten Arabic characters feature extraction. Adopting probabilistic neural network (PNN) for characters classification, the experimental results show that the proposed method is better than the existing methods. This work is very valuable. However, there are some writting mistakes should be verified. For example: Page 2: However, although Arabic characters are used in several widespread languages, little research has been conducted toward the automatic recognition of Arabic characters because of the strong cursive nature of its writing rules. Page 3: There is a copy of "Neural Network was used in some literatures as powerful classifier...". Page 4: alternatesconsistent-> alternates consistent usedabove -> used above Page 4: 1. Main characteristics of Arabic Writing -> 2. Main characteristics of Arabic Writing	



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	3. Wavelet Transform using in Feature Extraction -> Feature Extraction using Wavelet Transform	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Anonymous
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