



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2013_BJAST_6034
Title of the Manuscript:	Wavelet LPC with Neural Network for Spoken Arabic Digits Recognition System
Type of the Article	Research Paper

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.

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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	The proposed method in this paper is similar to the that in reference [35]. And there are some discussed questions as follows. 1. Experimental results should be enhanced and clarified: How many input neurons, hidden neurons and output neurons of the neural network? Which wavelet function is used in DWT and WPT? How to choose the number of decomposition level? 2. The complexity and execution time of the proposed algorithm compared with other algorithms. The Computing seem to be very burden. 3. The proposed method is compared with a method published in 2005. Are there any up-to-date methods to be compared? 4. The system performance for noisy environment is examined by adding WGN to the digits speech signals. If the tested signals are captured in real noisy environments, what will be happen?	Yes part of our method was used with another task (speaker recognition). The method was proposed as an original method which can be tested for several tasks. It is difficult to find many published papers in the same problem, however, Alotaibi (2005), is one of the most popular. In the future we will test the our system in a real noise such as restaurant, subway or bubble.
<u>Minor</u> REVISION comments	1. English must be significantly improved. 2. Most references are published before 2009. The "Introduction" part should be modified such that it covers more advantages of using wavelet LPC and Neural network in spoken Arabic digits recognition system.	We have some change to the text
<u>Optional/General</u> comments	The work is interesting. Especially, the authors presented some useful results.	Thank you for constructive criticism