



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_14611
Title of the Manuscript:	A Neuronal Classification System for Plant Leaves using Genetic Image Segmentation
Type of the Article	Original Research 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	The paper proposes the use of ANN and GA to recognize the plants based upon their features. The topic is properly introduced. However, the following may be considered - Literature is not critically analyzed. Procedure and short comings of related studies should be mentioned, and hence justification of current work. - Extracted features should be specified. - Encoding of GA and NN should be highlighted. - Description of crossover and mutation operator should be provided. - The approach is validated using one dataset only; alternative datasets can be used to validate the approach.	(1) The literature reviews have been modified and updated (2) Section 5.4 of the article specified the features used. The features were Zernike moments and Fourier Descriptors with proper reference to similar works by the authors and other others. (3) Table 1 specifies the encoding of the GA (4) Since the author had written a paper based on GA before, references have thus been made to those paper for full detail about the GA so as to conserve space. (5) The Flavaia dataset used is the one easily and freely available. Besides, they are standard images of leaves. CrossValidation (CV) method had been applied on the generated features to avoid biasness
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		