



SDI FINAL EVALUATION FORM 1.1

PART 1:

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

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Question 9 is still without answer. Just a reminder the following were demanded to be explained and proved by the authors The results of the experiments does not prove the efficiency of the new method for the following reasons: the new method combine several processes in order and it is known that GA alone is very slow and needs time more than any other process. So I am sure the new process needs more time and there is no significant differences between Sobel results and the results from the new method In addition the authors should check the following literature for details on how to reduce the memory and time requirements for the GA process using Dynamic GA Awad, M., Chehdi, K., (2009) Satellite image segmentation using variable hybrid Genetic Algorithm, Wiley International Journal of Imaging Systems and Technology, vol. 19, pp. 199-207	(1) The issue is that the GA was only used in optimization of CNN templates and then the CNN templates is finally used during for segmentation. The GA module was never invoked during segmentation. Rather it was done off-line to optimize the CNN templates. So the actual computational time requirements for CNN-based edge detection was faster than the rests. (2) My point above should also suffice for this second reason. the GA was only used in optimization of CNN templates and then the CNN templates is finally used during for segmentation. The GA module was never invoked during segmentation. Rather it was done off-line to optimize the CNN templates. So the actual computational time requirements for CNN-based edge detection was faster than the rests. However, I have read this paper too and referenced it in this work. So the details about my GA implementation can be found in my referenced paper.