



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_14383
Title of the Manuscript:	Automated mammogram segmentation using seed point identification and modified region growing algorithm
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	It is suggest having a comparison with other methods. Such as comparing with the Neiber [21] seed planting method. How to determine the rectangular region? Should it cover the entire aggregated region? It does not seem so from Fig. 3	Compared only with Neiber method Details of determining rectangular region are included in the paper.
<u>Minor</u> REVISION comments	The title could be changed. There are two types of tumor for breast cancer: mass and micro-calcification. The scope of this method is for mass segmentation in mammogram images. That is because in the seed plant step, the micro calcification (usually a very bright and tiny spot) is usually classified as unwanted noise in your definition.	This paper extracts the portion of the breast which may include either mass or micro-calcification. The title indicates the mammogram segmentation which extract breast portion that may constitute either tumor or masses. Therefore the title given to this paper is clear and correct to my knowledge.
<u>Optional/General</u> comments	This paper is very well written. Pros and Cons of existing segmentation methods are analyzed. The method is solid and clearly described. Key ideas are illustrated by figures. The results clearly demonstrate the effectiveness of the proposed method.	