



SDI FINAL EVALUATION FORM 1.1

PART 1:

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 article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
1. The Authors responses to the following comment from the original review is insufficient: <i>In Lines 225 – 227, the authors state that MOST of the ROIs contain abnormalities. This is inconsistent with Lines 200-201 and Lines 206-207, where the authors state that ALL ROIs contained the identified abnormality. Please correct. If it is not ALL, then the authors should give a quantitative measure (e.g. %) of how many ROIs contained the identified abnormality.</i> There is a clear inconsistency in the reported results, which the authors have not corrected. The question to be answered is: Is it ALL mammograms that have been correctly segmented, i.e. 100% (as in lines 200-201, 206-207) or MOST, i.e. <100% (as in lines 225-227). There is a difference between ALL and MOST. The latter implies that there were some mammograms that were not correctly segmented. This needs to be corrected in the paper. 2. The Authors responses to the following comment from the original review is insufficient: <i>The authors should give some indication of how long the algorithm takes to run, since this is usually a key factor in any computer-aided diagnosis method.</i> A detailed time analysis is not required. All that is necessary is a rough estimation of how long the algorithm took to segment a single image. For image processing of medical images, an estimate of the time is important. 3. The Authors have not adequately addressed the following comment: <i>The article needs a review of the grammar.</i> There are numerous grammatical errors still present in the article.	Corrected and included the number of ROIs exactly identified and labelled as per the information given by the Radiologist. Average time for a single image is computed and it details are included in the paper. Rectified most of the mistakes.