



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2013_BJAST_5544
Title of the Manuscript:	Research on pearl detecting and grading based on monocular multi-view machine vision
Type of the Article	Research Paper

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	• I appreciate this work and it can be considered as excellent automation effort for pearl grading system. • Image processing and recognition description is not clear; please provide more information on these topics. • Please provide response time of grading.	• Thanks for your good comment and appreciation to our research. • According to your comment, we added the content of image processing and recognition description. But in this paper, we plan to lay the emphasis on the design of hardware system. And the design of software will be introduced in the following paper because it would cost 15-20 more pages to introduce these algorithms. • The processing time is provided in Section 7.2, Paragraph 2. This paper mainly talks about the size and shape detection, so we just provide the processing time of size and shape detection.
<u>Minor</u> REVISION comments	• Section 2 not properly aligned • Figure 2 not properly arrange • It would be more appreciated if the authors could provide actual insight view of the system and Figure 3 diagram	• Section 2 and Figure 2 are both modified. • Because our work is still in the stage of laboratory research, the actual system like Figure 3 shown is not manufactured.



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<u>Optional/General</u> comments	• Please check figures and heading arrangements. • Some parts of the paper need some English corrections.	• We checked the whole paper and modified the format and grammar mistakes.
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