



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_6016
Title of the Manuscript:	Fitting quadratic curves to data points
Type of the Article	Research Paper

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)
Compulsory REVISION comments	1. It's like something unrelated put together and It is necessary to simplify. This manuscript just discuss the classification of quadratic curves, its corresponding parameter and relations , however, I think it is relatively well-known and redundancy. Thus, the paper should stress the theme "fitting quadratic curves to data points". It may be published in this journal after major revisions.	We understand the referee, and we did try to stay on our main theme – fitting conics – and to simplify everything else as much as possible. The classification rules are certainly known, but when we started looking for them in textbooks and on the web, we found that most sources give incomplete or inaccurate classification tables. We wanted to save our readers confusion and frustration, so we included a full and accurate table. Concerning the corresponding domains in the parameter space, we have not seen anything like this in the literature (certainly not in the articles or books that study fitting conics to data), so we regard this part of our work as novel.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		