



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_29954
Title of the Manuscript:	Free energy estimation of a binary alloy around the equilibrium based on the order parameter
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)
<b><u>Compulsory</u></b> REVISION comments	1) How does energy affect the direction and extend of a reaction? 2) Can we apply Taylor expansion for ternary alloys also? 3) What is the basis to measure the coefficients $F_0$ and $F_1$ ?	
<b><u>Minor</u></b> REVISION comments	1) Change the title of the CONCLUSION as "Conclusion" to maintain the similarity of other titles.	
<b><u>Optional/General</u></b> comments	1) There are only 8 references mentioned. The authors should include more references.	

**Reviewer Details:**

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