



SDI Review Form 1.6

Journal Name:	Asian Journal of Research and Review in Physics
Manuscript Number:	Ms_AJR2P_50786
Title of the Manuscript:	Study of energy of formation for Fe_xNi_{1-x} liquid binary alloys
Type of the Article	Original 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	<p>The most reservations (visible at first glance) arouse the record of references. I referred to this matter in the extensive note below.</p> <p>The work does not allow any verification of the results obtained from calculations. Some plots in the figures 3 and 4 are not sufficiently described in the text of the work. The author's comments are very superficial and unconvincing.</p>	
Minor REVISION comments	<p>Minor(?):Notation of some formulas raises objections - the need to use parentheses in denominator of some fractions. Computer does not tolerate such notation ..</p> <p>The author(s) has(have) obvious problems with punctuation. Linguistic correctness also raises reservations - in many places. Some sentences are vaguely phrased. Many detailed comments have been attached to the text</p>	
Optional/General comments	<p>Using hydrological terminology, I would evaluate this work "in the lower regions of middle states". This does not mean that I am a lover of the flood; on the contrary!</p> <p>Detailed remarks</p> <p>Changes in References: The quotation should be unified there. I do not know the 'rules in force' in Asian Journal of Research and Reviews in Physics, but... correct [1], [2], [5], [7], [9], [12], [13], [18], [21], [22], [24], [26], [28], [29] [11] In https://www.researchgate.net/publication/253678028_Energy_of_formation_for_AgIn1-x_and_AgSn1-x_liquid_binary_alloys we find: G M Bhuiyan, Azizah Ziauddin Then should be: G M Bhuiyan, and A. Ziauddin, (...), I think. Anyway, Ahmed is a male name. For example, Ahmed I – Sultan of the Ottoman Empire, caliph, founder of the Blue Mosque in Istanbul.</p> <p>In [31], change the names of the authors: should be [31] JL Bretonnet, GM Bhuiyan, and M Silbert, instead of [31] GM Bretonnet, JL andBhuiyan and M Silbert. (?)</p> <p>JL Bretonnet, GM Bhuiyan, and M Silbert, Gibbs-Bogoliubov variational scheme calculations for the liquid structure of 3d transition metals. Journal of Physics: Condensed Matter, 4(24):5359–5370, jun 1992. see ref. [10] of the paper http://imet-uran.ru/files/Yuryev/JNET2010.pdf</p>	



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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	<i>Tadeusz Michałowski</i>
Department, University & Country	<i>Cracow University of Technology, Poland</i>