



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	2014_PSIJ_11069
Title of the Manuscript:	Alternating Current Instability of Conduction-Cooled High-T <sub>c</sub> Superconductors and Superconducting tapes
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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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	<b>I can recommend the paper "Alternating Current Instability of Conduction-Cooled High-Tc Superconductors and Superconducting tapes " for the publication in the journal "Physical Science International Journal".</b>	
<b><u>Minor</u></b> REVISION comments	I recommend to include in the references the next publication: Kruchinin S., Nagao H., Aono S. Modern aspect of superconductivity: theory of superconductivity. World Scientific , 2010, p.232 Kruchinin S.P. Physics of high-Tc superconductors . Review in Theoretical Physics, 2014 vol.2,1-22. Kruchinin S.P., Zolotovskiy A., Kim H.T. Andreev state in hybrid superconducting nanowires. Quantum Matter ,3, 1-4,2014.	<i>We agreed with reviewer and corrected the manuscript.</i>
<b><u>Optional/General</u></b> comments	In this paper was study the AC current instability mechanism in high-Tc superconductors. For studies this systems used the special thermo-electrodynamical model. This model of calculation can be important for superconducting electropower devices.	