SDI Review Form 1.6

Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_29210**
Title of the Manuscript:	**Ion distribution functions and transport properties in collision-free auroral ionosphere under arbitrary electric fields**
Type of the 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)*
Compulsory REVISION comments	The problem discussed in the paper is interesting and very important for geophysics. This fact is demonstrated by a series papers cited by this manuscript. The paper is well written but a few revisions have to be made: 1. First of all you have to shorten your introduction and summary because these sections are too long and therefore not transparent for readers. 2. Describe shortly mathematical software used for numerical simulation. 3. The paper contains a long list of variables which can be incomprehensible for some readers. Therefore I suggest setting up the vocabulary with short explanation. The manuscript can be published after consideration the mentioned remarks.	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

Name:	*Radosław Jedynak*
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