



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_17663
Title of the Manuscript:	The edge effect on the EEDF measurements of magnetized DC plasma
Type of the Article	Review 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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Figure 1b change in the image disrtbution by distribution. In the Figure No.2 axial distribution of the magnetic filed or field 3-2. The electric field distribution Values of the electric field are obtained by differentiating or differentiate. Figure 3 and 4 distribution in change by distribution. Page 3, paragraph 1 Figures (5) and (6), show samples of the I-V characteristic curves...delete samples of the.. After equation 3 to include two square parenthesis [$1 / [1 + (\omega\tau)^2]$] Page 3 after equation 4 to review (=V-Vs)	Corrected Corrected Corrected



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	Page 4 lines 6, to change differentiating by differentiate. In the figures 9a and b, section 3-4.3. Electron energy distribution function measurements. Have two or three two groups of electrons? Figures 10(a), (b) and (c) show $F(E)$ as a function of the probe retarding potential V_p this were calculated from equation 5, but this equation has a restriction $V_p < 0$ and the figures 10(a), (b) and (c) are considerate values of V_p from 0 to 40. Figure 11 legend to change temperaure by temperature. Conclusions in the pressure range of (0.5-5 mbar). The pressure maximum was 4?? Suggestion 1. Why you don't use optical emission spectroscopy OES for determination of electron	Corrected two groups of electrons Corrected
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	temperature and density. 2. It is possible that the current increase when pressure increase too. Review: 1. Determination of Non-Maxwellian Electron Energy Distributions in Low-Pressure Plasmas by Using the Optical Emission Spectroscopy and a Collisional-Radiative Model, Plasma Science and Technology, Vol.13, No.3, Jun. 2011. 2. Determination of the electron temperature and density in the negative glow of a nitrogen pulsed discharge using optical emission spectroscopy. 2010 J. Phys. D: Appl. Phys. 43 015202	Corrected Add to the introduction and references
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		