Review Form 1.6

Journal Name:	**International Astronomy and Astrophysics Research Journal**
Manuscript Number:	**Ms_IAARJ_99279**
Title of the Manuscript:	**Sheet-like structure formation inside the core of Massive Neutron Star**
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:

(https://www.journaliaarj.com/index.php/IAARJ/editorial-policy)

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		
Minor REVISION comments		
Optional/General comments	The authors, investigate the possible effect of ultra-strong magnetic field on the core matter, in particular quark matter inside a massive rotating neutron star. Based on the discovery "Evidence of quark matter cores in massive Neutron Stars" by Annala et al. our main motivation is to understand the type of structure formation appears in the core of a rotating neutron star, magnetar. Taking into account two facts : i) free u, d, and s quarks can form a composite (i.e. quark matter composite) because of the seed magnetic field located inside the core of a massive neutron star, magnetar in analogy with the observed in the weapon "Bola" , and composite formation in ferromagnetic liquid crystal ; ii) observation of sheet-like structure in ferromagnetic composites placed in a magnetic field having rotation, They proposed that sheet-like structure might be appeared in the ferromagnetic quark matter composites inside the cores of a massive rotating neutron stars , in particular a magnetar in the presence of its ultra-strong magnetic field which acts as catalyst. The manuscript is clear, concise, reasonably self-contained presentation of the material and Figs. are clear, giving adequate reference to related work, the title is appropriate and the abstract is adequate for verbatim reproduction in abstract journals. This work is good. ***So I recommended this work to publish in International Astronomy and Astrophysics Research Journal***	

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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