SCIENCEDOMAIN *international*
www.sciencedomain.org

SDI Review Form 1.6

Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_24052**
Title of the Manuscript:	**Numerical Modeling of Coupled Thermoelasticity with relaxation times in Rotating FGAPs Subjected to a Moving Heat Source**
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)

SDI Review Form 1.6

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 temperature and displacement are determined numerically for a 2D FGAP using DRBEM modeling. The formulation of the equations is well detailed and the text is well written on the whole. The authors are requested to improve their paper with the following remarks: 1) Section 2: all the terms must be defined for clarity like R, C, ξ,n_b or others. 2) Section 4: - What is the shape of the heat source given by equation (72) ? - The meaning of u_1 and u_2 should be recalled. - To show the accuracy of the DRBEM method, the differences with FEM have to be quantified (in %). - What is then the interest of the DRBEM method? 3) There is no conclusion. Please attend to this matter.	
Minor REVISION comments	Please correct: line 36: computed experimentally (meaning ?) line 39: with the ones in a steady state	

SDI Review Form 1.6

	line 43: which are examples line 79: Cartesian coordinate system lines 170 and 175: consists in line 196: therefore they do not line 212: referring to the recent work	
Optional/General comments		

Reviewer Details:

Name:	**Logerais Pierre-Olivier**
Department, University & Country	**Universite Paris-Est Creteil, France**