



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_27970
Title of the Manuscript:	THE HAMILTONIAN OPERATOR AND EULER POLYNOMIALS
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

	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	The main goal of the authors is to derive interesting identities for the Hamiltonian involving Euler polynomials. Their calculations are convincing and can be well followed. My main problems are as follows: (i) The authors in the introduction part immediately dive into the details and it is not clear for me what the motivation is. Namely, why the derivation of such formulae are interesting or important? (ii) The Hamiltonian considered in the manuscript has a very special form. Such quadratic Hamiltonians can be diagonalized, so what further information can be obtained from these identities? In my opinion these question should be carefully addressed during revision, I cannot recommend the publication in the present form.	
<u>Minor</u> REVISION comments	More emphasis should be placed on the importance or possible applicability of the results.	
<u>Optional/General</u> comments		

Reviewer Details:

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