

Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_76576
Title of the Manuscript:	Two Kinds of Vacuum in Casimir Effect
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://peerreviewcentral.com/page/manuscript-withdrawal-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	<p>This paper discusses two kinds of vacuum in the Casimir Effect. The vacuum view from modern physics is expressed and the theoretical basis of zero-point energy is mentioned. Furthermore, the vacuum energy is explained in detail. Then, the Casimir force of a pair of a parallel plate is discussed and the theoretical research progress is reported. Overall, the content of the paper is well-described. However, the presentation of the paper should be further improved. Some comments are given as follows.</p> <ol style="list-style-type: none"> 1. See the abstract, please do not write any notations and symbols in the abstract. 2. It is suggested that the abstract should be written in one paragraph. 3. See the introduction, the first sentence is repeated, please check. 4. Please do not write the citations on the section titles, see Sections 3, 4, 5. 5. Notations and symbols in the text should be written in italic form. Please revise. 6. The notations and symbols in equations should be defined. Please check. 7. See page 8, "the Hamillon operator" or "the Hamilton operator"? Please check. 8. See page 10, "I agree with him", what does it mean? 9. See page 11, the paragraph at the bottom of the page. Do not understand why has a conversation. 10. See page 12, what do the term "TE and TM" stand for? 11. See page 14, what does the term "Hamiiltonian" refer to? 12. See Sections 6, 7and 8, please write the citations in a consistent way. 13. See Eq. (50), please typeset the equation properly. 14. Please refer to the format for preparing the references. 15. The latest reference is in 2021. Please add some current references. 16. Please do the grammar mistakes correction. 	
Minor REVISION comments		
Optional/General comments		

[Review Form 1.6](#)

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Sie Long Kek
Department, University & Country	Universiti Tun Hussein Onn Malaysia, Malaysia