



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_22578
Title of the Manuscript:	FLUID-STRUCTURE INTERACTION AND AEROLASTIC BALANCE ON THE ANALYSIS OF A TALL BUILDING WITH IRREGULAR GEOMETRY
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>)



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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		
<u>Optional/General</u> comments	This paper studies a complex IDFE problem for tall building with irregular geometry. As a summary paper, it is OK. It expresses the method used shortly and accurately in theory. A little bit more on describing the solving of coupled (7), (12), (13) [or (7), (14) ? (7), (22), (23)? (7), (26), (27) ?] in details is suggested. E.g., the process of iteration: starting point .→ Eq.(?)→Eq. (?).... As a creating paper, it should emphasize the creating point(s), which differs from and with advantage(s) over, or improves, the previous works. Suggestions: (1) Changing the displacement at top of model in wind channel test to that of prototype, and comparing with that obtained by ANSYS. (2) Give a short explanation on reasonable of results of moment at basement obtained by ANSYS and Dines+Gid. (3) Answer the key questions: How to judge (evaluation) the accuracy of a numerical method? (and also for, the similarity (or believability) of results between experimental model and prototype ?)	



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	(4) Checking: (a) Line 2: "AEROLASTIC" or "AEROELASTIC" ? (b) Lines 80,106,121,190, 198: "....y..." or "....&...." ? (c) An equation should have an equal sign between the LHS and RHS, where is the equal sign and the RHS of Eq. (14) in line 105 ? (d) Line 153, where are Eq. (38) and (39) ? (e) Line 164, what is z, H ? (explanation). (f) Line 170: where is Eq. (46) ? (g) Line 178: what is K_M ?	
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