

[Review Form 3](#)

Book Name:	Science and Technology: Developments and Applications
Manuscript Number:	Ms_BPR_4039
Title of the Manuscript:	Performance-Based Seismic Design Using REDSET – A Novel Reliability Evaluation Approach
Type of the Article	Book chapter

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	In this research proposed a novel reliability evaluation approach of REDSET (Reliability Evaluation of Dynamic Systems Excited in Time Domain) for the PBSO (Performance-Based Seismic Design). It is helpful to evaluate the reliability of structure. Also, reliability method can find the IO, LS, and CP.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	It is recommended to re-write the abstract again by showing the major results.	
Is the manuscript scientifically, correct? Please write here.	Yes. In this research proposed a novel reliability evaluation approach of REDSET (Reliability Evaluation of Dynamic Systems Excited in Time Domain) for the PBSO (Performance-Based Seismic Design). This topic is interesting so, it may improve the quality of this research by incorporating the following comments.1. In "Abstract", How authors believe that the REDSET can be used for developing the PBSO in further without showing the major results in "Abstract"? It is recommended to show the major results then input the brief of future study.2. "Introduction" should be improved to incorporate recent relevant studies.3. In "Conclusion", authors didn't show the major results.4. It is recommended to present details explanations of results. Which tools authors used to conduct thus study?	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	It is required to add updated references.	
Is the language/English quality of the article suitable for scholarly communications?	Yes.	
Optional/General comments	No, Thanks.	

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>	

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