

[Review Form 3](#)

Book Name:	<a href="#">Science and Technology: Developments and Applications</a>
Manuscript Number:	Ms_BPR_4011
Title of the Manuscript:	Reliability Evaluation of Structures Excited by Earthquakes in Time Domain using a Novel Concept
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 feedback here)</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.	This chapter of the book is well written. A good topic has been used for this chapter. There are mathematical relationships and appropriate and useful figures for the readers. The number of pages in this chapter is small and appropriate. I prefer small and useful volumes. Overall, I say well done to the authors.	
Is the title of the article suitable? (If not please suggest an alternative title)	That's good. But what do you mean by new concept? Please use the term proposed concept in the title instead of new concept.	
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.	The abstract is good. Given the title written by the authors, if these researchers have a new proposed method, they should briefly state and explain it in the abstract.	
Is the manuscript scientifically, correct? Please write here.	Overall, it is acceptable and appropriate. Well done.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	<p>The references are very old. Use new references (older than 2021). Be sure to use the following articles and books:</p> <p>Mahdavi, M., Hosseini, S., &amp; Babaafjaji, A. (2023). Modelling and Comparison of Plastic Performance in Ten Types of New Steel Braces under Pushover Analysis. <i>Computational Engineering and Physical Modeling</i>, 6(2), 73-90. doi: 10.22115/cepm.2023.428826.1262</p> <p>Mahdavi M, Hosseini SR, Babaafjaji A. Evaluation of Seismic Performance in Steel Structure with Proposed Parabola Brace by Finite Element Method. <i>Adv Res Civ Eng [Internet]</i>. 2023;5(3):33–46. Available from: <a href="https://www.arce.ir/article_199616.html">https://www.arce.ir/article_199616.html</a></p> <p>Mahdavi, M., Hosseini, S. R., &amp; Babaafjaji, A. (2023). Investigating the Performance of Modern Concentric Braces during Modal Analysis in the Frequency Domain with the Finite Element Method. <i>Advanced Structural Mechanics</i>, 1(3), 198-208. doi: 10.22034/asm.2024.14720.1018</p> <p>Mahdavi, M., Hosseini, S. R., &amp; Babaafjaji, A. (2024). Evaluating the Effect of Span Length on the Seismic Performance of a Steel Structure with a Chevron Brace by Finite Element Method. <i>Eurasian Journal of Science and Technology</i>, 4(3), 271-282. doi: 10.48309/ejst.2024.435101.1122</p> <p>Mahdavi, M., Hosseini, S. R., &amp; Babaafjaji, A. (2024). <i>Structural Control Devices</i>. LAP Lambert Academic Publishing</p>	

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Is the language/English quality of the article suitable for scholarly communications?	It is good and acceptable. Well done.	
<u>Optional/General</u> comments	This chapter of the book is very good, concise, and useful. I enjoyed reading it. This chapter is acceptable and practical. Because its volume is small, it is suitable and of high quality for me. It has a small volume and is excellent. The references that I suggested should definitely be added to the references to improve its quality. The volume of this chapter can be multiplied and more information can be presented. Overall, this chapter of the book is well written. Well done to the authors.	

**PART 2:**

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

**Reviewer Details:**

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