

## **Preparation of Full Papers for CES8**

### **Title, Up to 2 Lines, (Times New Roman 14pt, Bold)** (With two 12 pt lines space from the title)

**First Author<sup>1</sup>, Second Author<sup>2</sup>, ... (Times New Roman 11 pt, Bold)**

- 1- First Author's Affiliation and Short Address (Times New Roman 10 pt)  
First Author's E-mail (Times New roman 9 pt)
- 2- Second Author's Affiliation and Short Address (Times New Roman 10 pt)  
Second Author's E-mail (Times New roman 9 pt)  
(with one 12 pt line space)

### **Abstract**

Each paper must be accompanied by a 100 word abstract, written as a single paragraph. It should be a summary (not an introduction) and complete in itself, indicating the subjects, objectives, method of investigation, and distinct achievements. Abstract should be prepared by Times New Roman font size 9 pt.

(with one 10 pt line space)

**Keywords:** Maximum 6 words separated by comma. (Times New Roman 9 pt)

(with one 10 pt line space)

### **1. Introduction (Times New Roman 12 pt, Bold)**

(with one 10 pt line space)

This direction provides required guidelines to authors to write their English papers in accordance with a standard identical format acceptable to this conference. The fulfillment of these instructions is mandatory for all contributors. Note that the appearance of this guide sheet conforms to the suggested directions and can be used for preparing your own paper after removing the guiding red signs.

The authors of English papers are requested to use Microsoft Word to create their final paper. Use Times New Roman 10 pt and single space for paper body text. The full paper should be formatted in 180 mm x 250 mm page, single column with the margins specified on this template (28 mm from top, 22 mm from bottom, and 25 mm from right and 23mm from left). Each section title and subtitle should be appeared in Times New Roman 12 pt and 10 pt, respectively in the bold face with one blank line spaces from its preceding section and one from the following text. Always number section titles and subtitles. The first line of each paragraph should have an indentation equal to 5 mm. All footnotes, if necessary, should be inserted with Times New Roman 9 pt Font, separated from the main body text by a line.

(with one 10 pt line space)

### **2. Page Limitation (Times New Roman 12 pt, Bold)**

(with one 10 pt line space)

Full papers, including main body, figures and tables, should not be more than 10 pages.

(with one 10 pt line space)

### **3. Mathematical Equations (Times New Roman 12 pt, Bold)**

(with one 10 pt line space)

All equations (in one or more lines) must be written in the left side of page with Times New Roman 10 pt. Number all equations sequentially from (1). Each equation number should be right justified written in parentheses. Relevant theories and equations should essentially be adequate and not too elaborate. Note to the following sample equation:

$$f(X) = \begin{cases} f(X) & \text{if } X \in \tilde{\Delta} \\ f(X) + f_p(X) & \text{otherwise} \end{cases} \quad (1)$$

$$f_p(X) = \sum_{a=0}^{n_{sp}} r_p \left[ \sum_{l=1}^{ne} (\max(g_l(X, t_a), 0))^2 + \sum_{k=1}^{ns} (\max(g_k(X, t_a), 0))^2 \right] \quad (2)$$

where  $f_p(X)$ ,  $\tilde{\Delta}$ ,  $r_p$  and ... are the penalty function, the feasible search space, an adjusting factor and ... , respectively.

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#### 4. Units (Times New Roman 12 pt, Bold)

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Acceptable system of units is standard metric (SI) and all variables and numerical values should be expressed in metric units. Authors should clearly write units of quantities inserted in tables or used as labels of drawing axes.

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#### 5. Figures (Times New Roman 12 pt, Bold)

(with one 10 pt line space)

All figures and drawings must be placed within the text immediately after they are first cited, centered in the text, preceded and followed by one blank line. Drawings must be clear and sharp. Letters, numbers, and legends in illustrations should be large enough to be legible. Each figure must have a number and a caption, see Figure 1. Captions should be placed below the figures and should be written in Times New Roman 9 pt Boldface. All figures should be cited within the text.

(with one 10 pt line space)

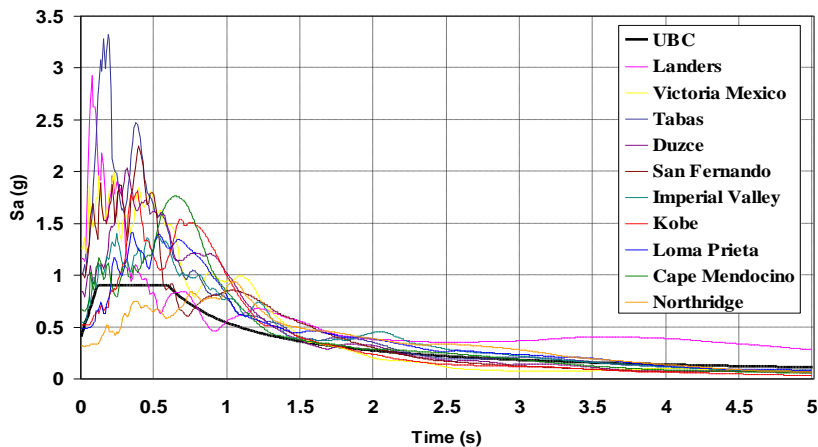


Figure (1): UBC design response spectrum and scaled spectra of the 10 records

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#### 6. Tables (Times New Roman 12 pt, Bold)

(with one 10 pt line space)

All tables must be placed within the text immediately after they are first cited, centered in the text, preceded and followed by one blank line. Tables must have a number and a caption, see Table 1. Captions should be placed above the tables and should be written in Times New Roman 9 pt Boldface. All tables should be cited within the text.

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**Table (1): Testing errors of the WRBF**

<i>The most influential period</i>	<i>Mean error (%)</i>	<i>Maximum error (%)</i>
<i>tp<sub>1</sub></i>	0.2947	0.9762
<i>tp<sub>2</sub></i>	0.2166	0.6668
<i>tp<sub>5</sub></i>	0.2095	0.9058

(with one 10 pt line space)

For preparing tables, please employ *AutoFit to contents* option.

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## **7. Conclusions (Times New Roman 12 pt, Bold)**

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Each paper should be concluded to distinct and effective statements or explanations as highlighted conclusions. The statements mentioned in the other parts of the paper should not be replicated in this section.

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## **8. Acknowledgments (Times New Roman 12 pt, Bold)**

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This section, if necessary, comes before the references.

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## **9. References (Times New Roman 12 pt, Bold)**

(with one 10 pt line space)

References, as the final part of each paper, should be written by Times New Roman 10 pt. They are to be numbered in the order they appear in the main text and referenced just by numbers within brackets, e.g. [2]. Only references, which are cited in the paper, should be included. For each reference, adequate specifications should be mentioned according to a standard format such as the following examples. If you are indicating a document published in the Persian language please add the expression ‘(in Persian)’ at the end of it.

- [1] Gholizadeh S, Salajegheh E. Optimal design of structures for time history loading by swarm intelligence and an advanced metamodel, *Computer Methods in Applied Mechanics and Engineering*, **198**, 2936–2949, 2009.
- [2] Salajegheh E, Gholizadeh S. Metamodeling based structural optimization for earthquake loading, in B.H.V. Topping, Y. Tsompanakis, (Editors), *Proceedings of the First International Conference on Soft Computing Technology in Civil, Structural and Environmental Engineering*, Civil-Comp Press, Stirlingshire, UK, 2009.
- [3] Salajegheh E, Gholizadeh S, Optimal seismic design of structures using soft computing techniques, in B.H.V. Topping, Y. Tsompanakis, (Editors), *Soft Computing in Civil and Structural Engineering*, Saxe-Coburg Publications, Stirlingshire, UK, Chapter 5, pp 155-178, 2009.
- [4] Kaveh A. *Optimal Structural Analysis* , John Wiley (RSP), 2nd edition, Somerset , UK , 2006.

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## **10. Paper Submission (Times New Roman 12 pt, Bold)**

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All papers will take evaluation process in the referee committee. For a paper to be considered for evaluation process, the authors should submit their full paper in Word format with embedded fonts via website to [www.ces8.endri.ir](http://www.ces8.endri.ir) Please include all relevant materials



8<sup>th</sup> National Conference on Earthquake & Structures  
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(text, figures and tables) into a single document. The acceptance of received papers will be communicated with the corresponding author. A paper which receives final or conditional acceptance should be prepared regarding the requested corrections, and the paper should be sent again.