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Title [Example] Bean Pod Epicarp Ash Concrete: A Review

**Authors and Affiliation**

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**[Example]**

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Keywords:

The maximum number of the keywords should be ten.

**Keywords [Example]:** Concretes; Calibration; Computer simulation; Constitutive models; Strength; Stress-strain curves; Static loads; Finite element method; Plasticity

Abstract

The abstract should not refer the reader to the article ("The article contains ..."). The Abstract should serve as a concise summary of the main findings and conclusions drawn from the review article. It should be an abridged version of the Conclusion section, emphasizing the significance of the research for the field. The text of the abstract is provided in English only. The abstract is prepared according to the requirements of the journal <https://alfabuild.spbstu.ru/en/abstract/>.

**[Example]**

**This review article evaluates the existing literature on the structural analysis of static trapezoidal plane trusses with rectangular bottom chord and different support configurations. The main objective is to synthesize and analyze the research results on the relationship between truss deflection, support offset, dimensional changes, loading conditions, and the number of panels in truss structures. Methodology: This review systematically reviews the range of studies and analytical methods used in truss analysis, with an emphasis on the methods used to determine the principal forces in truss members, particularly through the joint method and computational tools such as the Maple system. By combining and comparing the different approaches documented in the literature, this review aims to provide an overview of the analytical methods and considerations involved in truss analysis. Results and Discussion: This article presents the ideas and key trends observed in the literature on truss behavior through an in-depth synthesis of the reviews. In this work, important findings include the effect of panel number on truss performance, determination of kinematic variability in trusses with a given panel number, and formulation of deflection equations based on variations in panel number. Graphical representations and comparative analysis of the reviewed studies elucidate trends and patterns of truss behavior under different loading conditions and support configurations. Conclusion: By evaluating and integrating the results from various literature sources, a deeper understanding of the structural behavior of trapezoidal trusses can be obtained. The details obtained from the research and development provide valuable information on the factors affecting truss deflection and support displacement, and provide a basis for further research and practical applications in structural engineering.**

# Introduction

**The Introduction** should commence with an overview of the latest review publications on the subject and related topics. The Introduction should proof the rationale for conducting another review, highlighting any gaps or limitations in the existing body of reviews. The introduction sets the stage for the review article by identifying areas that require further study or synthesis and establishes its unique contribution to the scientific discourse.

# Literature Search Methods

The Literature Search Methods section should transparently outline the bibliographic databases and time frames used for the literature search. It should provide examples of keywords, phrases, and search queries employed to identify pertinent studies. The search results should be visualized using VOSviewer to effectively represent the network of research connections.

# Literature Review

This section should furnish a meticulous overview of seminal studies in the field, meticulously evaluating their contributions. Emphasis should be placed on trends and the evolution of this research area. This section should be divided to subsections, sub-subsections, etc.

This section contains the bulk of references to the literature. Links are formatted, for example, like this [1]; or this way [2], [3]; or this way [4]–[6]. Shape them using the free Mendeley software. We will send you training materials as needed. It's simple, convenient, and saves you time and effort.

You can end this section like this (but not necessarily like this):

The object of the study was …

The subject of the research was …

Goal…

Tasks…

# Methodology

The methodology used to select and appraise the literature review should be presented and the systematic approach used to analysis the results described in detail. In addition, the search strategy and databases used in the literature review process should be clearly defined and transparency should be provided regarding the sources and methods used to compile the comprehensive review.

# Results and Discussion

In a review article, it is important to provide a structured presentation of findings from the literature, organizing and presenting them in a coherent manner. The article should then discuss the implications of these findings and their broader impact on the research field. In addition, the strengths and weaknesses of existing research can be analyzed, with a focus on identifying potential areas that require further investigation in future research.

# Illustrations and Figures

Figures are to be inserted in the text nearest their first reference. Previously published material must be accompanied by written permission from the author and publisher. Figures are to be sequentially numbered in Arabic numerals. middle align the caption and place it below the figure. Typeset in 10 pt. Use double spacing between a caption and the text that follows immediately.



Fig. 1 - The Caption of Figures are in Title Case [7]

# Tables

Tables should be inserted as close as possible to the reference point in the text. Tables should be numbered consecutively in the text with Arabic numerals. Captions should be centered above the tables. Type tables and captions in 10 pt font. If tables need to be extended to a second page, a caption, e.g., “Table 1 (Continued)” should precede the table. Footnotes in tables should be in lowercase and placed below the table.

Table 1. This is the Caption for the Table in Title Case

|  |  |  |
| --- | --- | --- |
| Method | Theoretical Calculation | |
| External Cladding | ACHa (1/h) | |
|  | min | max |
| Brick | 26.8 | 26.8 |
| Cement & stucco | 603 | 1005 |
| Wood | 670 | 670 |
| Ceramic | - | - |
| a Footnote explanation | | |

# Equations

Equations are inserted into the text in the form of tables with two columns and one row. All equations are numbered, including those that are not referenced in the text:

|  |  |
| --- | --- |
|  | (1) |

# Conclusions

In a review paper, the Conclusion section should summarize the main ideas found in the reviewed articles. It should highlight the important findings and areas where more research is needed. Additionally, the Conclusion should suggest possible future research directions based on the gaps identified in the existing literature.

# Acknowledgements

If any acknowledgements or supporting information are required, they should be provided after the conclusion section.

# Fundings

If funding information are required, the text should be inserted before the references section.

# References

References must meet the requirements <https://alfabuild.spbstu.ru/en/references/>