

Title of the final design project

Team members' names

Affiliation

date

Outline

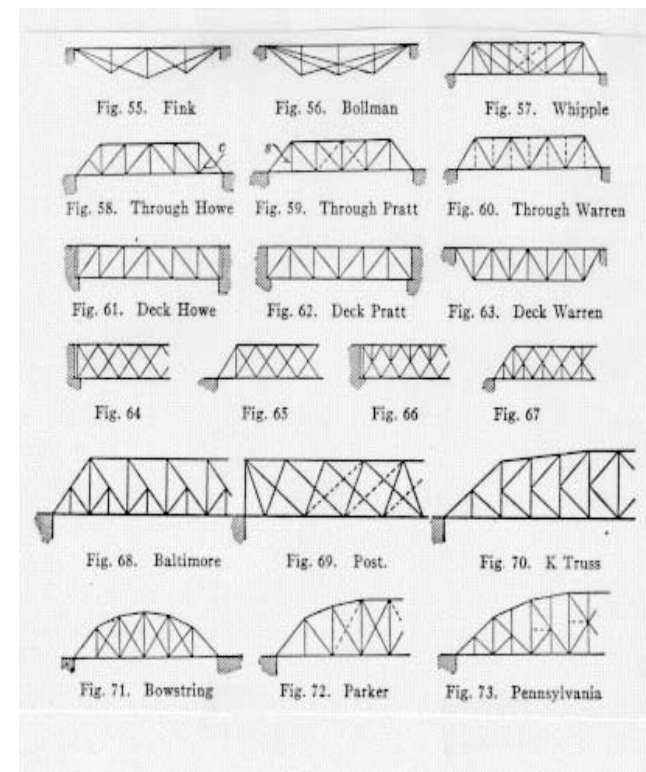
- Introduction
 - Background
 - Research objective
- Analysis
 - Discuss theory and factors that led to the prototype design
- Prototype Construction
 - Prototype design
 - Performance Results and Discussion
- Conclusion and Discussion

Introduction

This section briefly lays out the problem and the requirements (i.e. specifications and constraints). It should end with a goals/objectives statement. After this section, the reader should know in broad terms what you were trying to do and your goal in doing this.

Design Alternatives

- Discuss methods and techniques used in the design.
- Discuss any theory or approach for the design (i.e. mathematical model, simulation model, etc.)
- Discuss design alternatives and factors led to the prototype design.



Design Specification

This section presents details on prototype design. Here you need drawings that describe the exact shape of the cuts, angles, etc., How will the pieces be join together? In what order will they be assembled?

Provide detail drawing
To illustrate your point



Performance and Discussion

- Discuss its performance results, and whether the improvements you included during the redesign performed as planned

More pictures

Conclusion & Recommendations

- Bring out the major points you feel worth emphasis. Discuss what you would recommend to be done next to make further improvements to the design
- This section should be a brief, bottom-line summary. You generally don't bring anything new into a conclusion. Instead, this simply restates the key points from the body of the report.