Chair
Deconstruction

LC2
Why?

The exercise was preformed to:
- Model Static Structural Behavior
- Classify connections
- Quantify capacity based on tubular steel design

This project was undertaken to determine the structure of a chair and how the forces involved contribute to the stability of the chair.
Assembly Process
Chair Dimensions

19.7" 

26.4" 

27.6"

18.9" 

30"
Loads on Structural Components
Moment
Shear
Deflection
Conclusion

- Straightforward Construction
- “Cradle for Cushions”
- Lateral Flexure
- Computer Modeling
References