

## **MIM 271E Theory of Structures**

### **Homework-1**

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**Sept 25<sup>th</sup>, 2014**

Choose a structure either from real life or web and investigate its structural idealization, loading and supports. The structure will be examined in 2D. You may choose either a complicated system (bridge, high rise building...) or a simple structure/connection.

Your homework should contain:

- A photo of the structure you have chosen,
- A simple structural idealization of system in 2D,
- Your prediction of loads acting on the structure,
- Simple details of supports and your prediction for definition of supports (roller, hinged, fixed).

Homework-1 will be presented in A3 format.

**Due Date : Oct 9<sup>th</sup>, 2014**