

Problem M7

For the truss shown below calculate the forces in all the bars. The bars have length L or $\sqrt{2}L$ and all angles are either 90° or 45° . You will be conducting experiments on a truss of this configuration beginning on October 30th. It is strongly encouraged that you complete this problem set question before you begin performing the experiments. We also encourage you to use the method of joints to solve this truss as you will be required to write an Ada code as part of the truss lab, which will require use of the method of joints.

