



CIVIL ENGINEERING

E-tabs Truss Design Note

E-TABS & STAAD FILE

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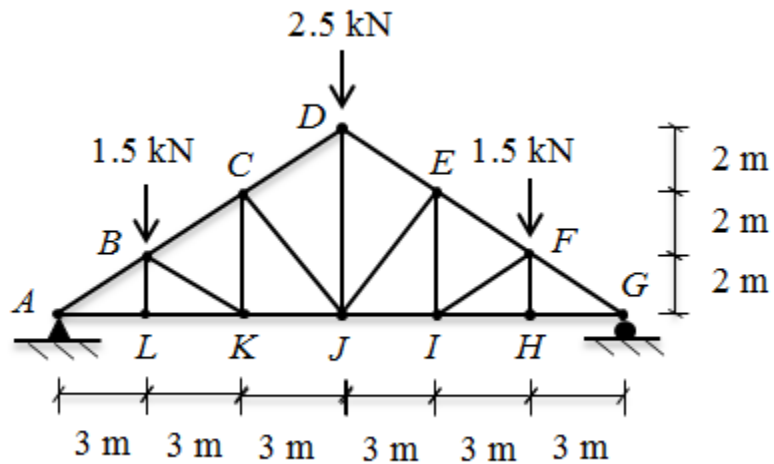
Goto : www.martcost.com

ETABS 2016 Tutorial: Trusses

Below is a tutorial that was organized for educational purposes at Christian Brothers University only. The procedure of analysis in ETABS 2016 is similar to that of ETABS v9.

Example

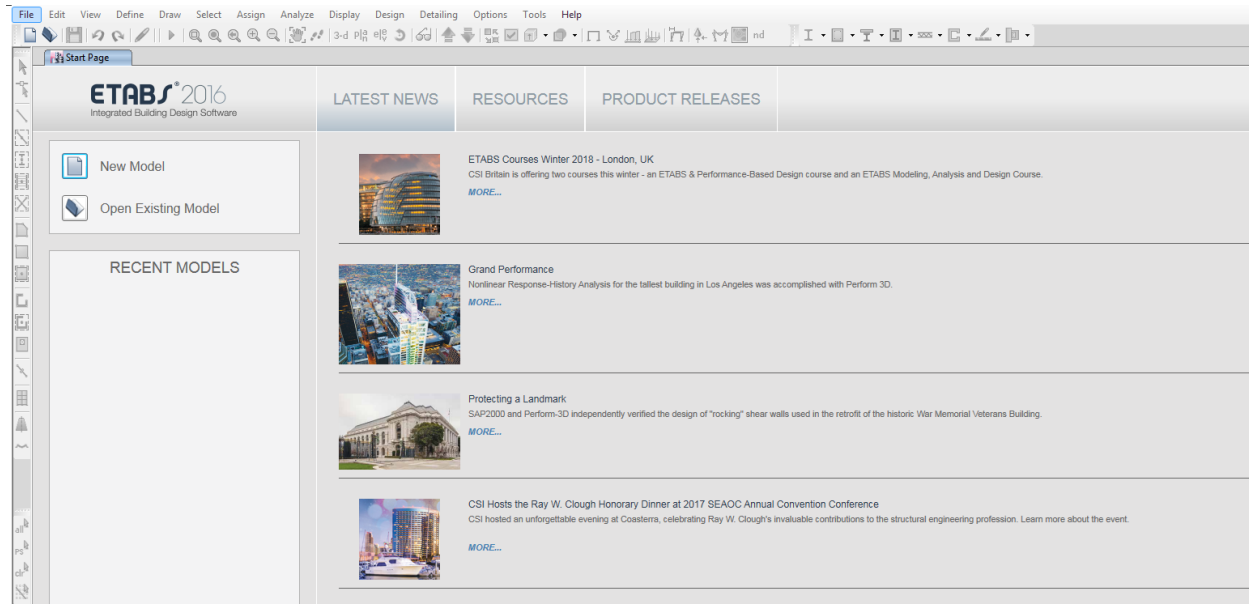
Determine the member forces for the Pratt truss shown below. All members are made from the same material and have the same cross-section properties.



Solution

Step One: Open ETABS.

Step Two: Select “New Model”.



Step Three: Select the Initialization Options. For this example, we will select “Use Built-in Settings”. Note that for our problem, we have SI (Metric) units. This option is found under “Display Units”.

