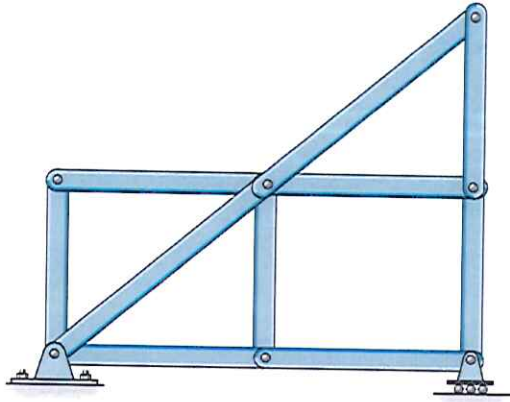


Example 3a-1. Classify each truss as determinate, indeterminate, or unstable.



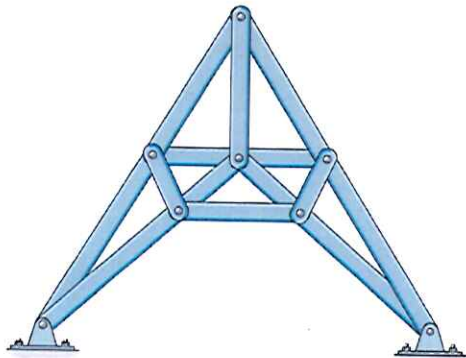
$$b = 10$$

$$r = 3$$

$$j = 7$$

$$b + r < 2j$$

UNSTABLE



$$b = 14$$

$$r = 4$$

$$j = 8$$

$$b + r > 2j$$

INDETERMINATE

2<sup>nd</sup> DEGREE