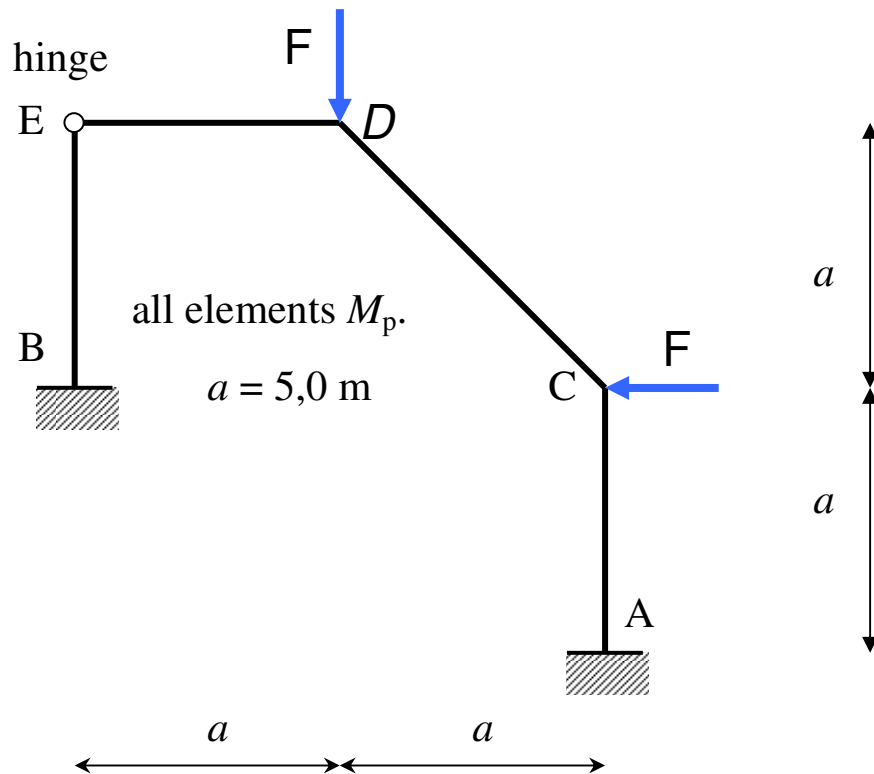


Given:



Questions:

- Determine the degree of static indeterminacy and the maximum number of hinges to obtain failure mechanisms?
- Find the ultimate load for each mechanism
- Which mechanism is the collapse mechanism and find the collapse load F_p which belongs to it.
- Find the moment distribution for the collapse load.
- Check the results for Prager's uniqueness theorem
- CHECK THE RESULT WITH THE COMPUTER PROGRAM MP ON THE WEB SITE