

Homework Problem H9.A

Given: Consider the frame shown below that is made up of an L-shaped member BD and a curved member DK. A line load w acts on section BR of member BD.

Find: For this problem:

- Determine the reactions on the frame at supports B and K.
- Determine the internal reactions on a section of the frame at H on the curved member DK.

For this problem, use the following parameters: $w = 500$ lb/ft and $R = 4$ ft.

