

PROBLEM 10

10.1. The figure shows a frame with a uniformly distributed load w acting vertically downwards on the beam. The frame is supported by a pin support at A and a roller support at B. The frame consists of a horizontal beam of length L and a vertical column of height H . The beam is supported by a roller support at B and a pin support at A. The column is supported by a pin support at A and a roller support at B. The frame is subjected to a uniformly distributed load w acting vertically downwards on the beam. The frame is shown in the figure.

