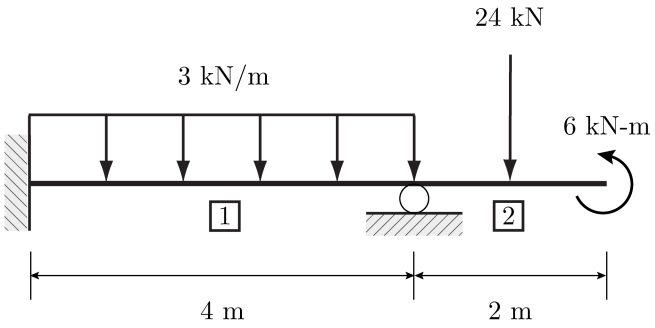
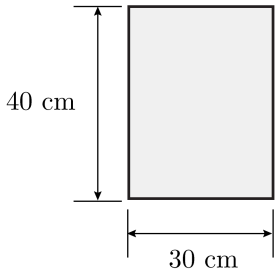
CE 525 Fall 2026 EXTRA CREDIT

(Worth up to 5 points on Exam I)

Due Monday, October 26, by 5:00pm ET

1. For the beam shown from HW 3 below:





E = 20 GPa; G = 7.5 GPa for all members

Implement the BEBT finite-element (FE) formulation via computer programming. (*hint: both* [k] *and* $\{Q_f\}$ *require modification*).