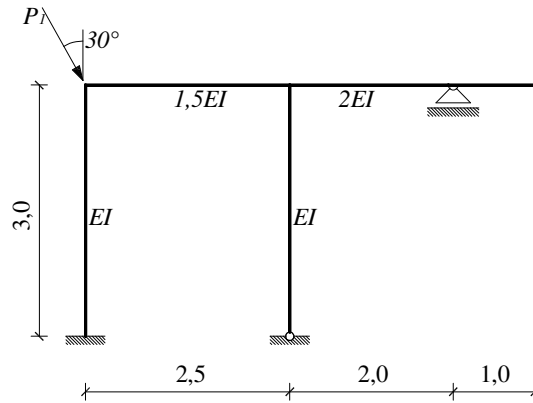


## GS 2. – 09.02.2010.

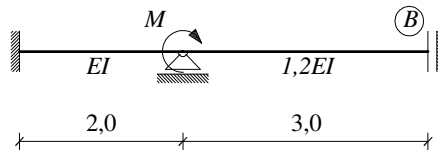
1. Relaksacijskim postupkom odredite momentni dijagram.



$$P = 300kN$$

$$EI = 130000kNm^2$$

2. Pomoću utjecajne linije odredite iznos momenta na ležaju B.

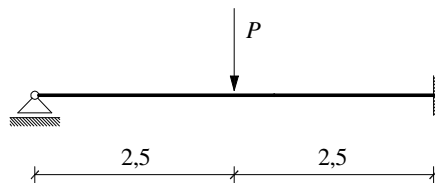


$$M = 200kNm$$

$$E = 3 \cdot 10^7 kN / m^2$$

$$b / h = 40 / 60 [cm]$$

3. Koristeći inženjersku metodu pomaka odredite potreban iznos sile  $P$  koja uzrokuje pomak sredine raspona 1cm.



$$EI = 90000kNm^2$$