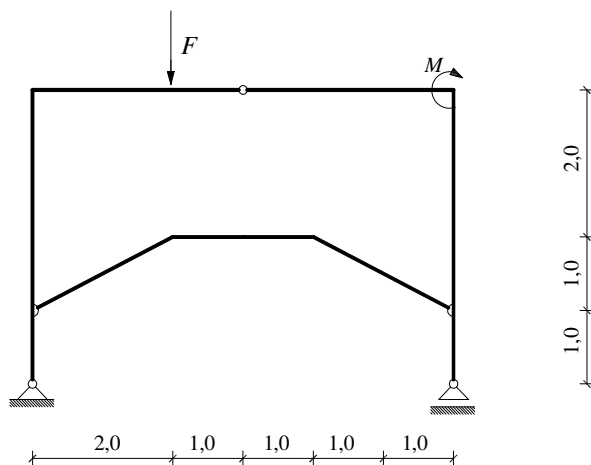


GS 1. – 1. popravni kolokvij (A) (2011./2012.)

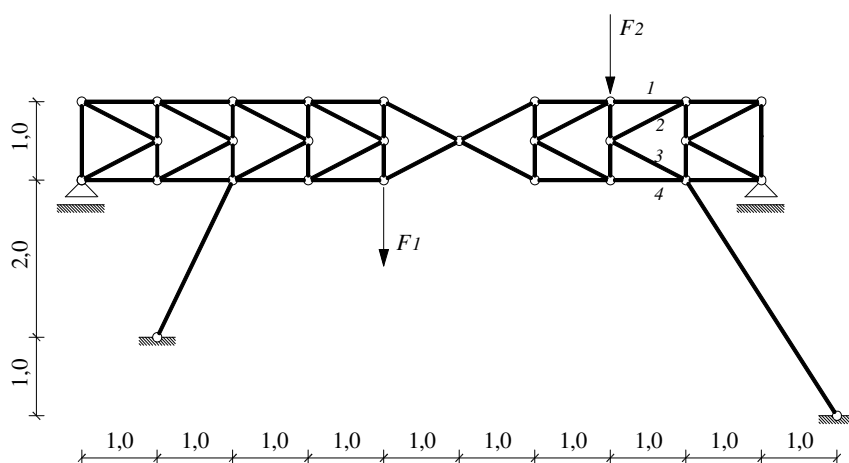
1. (40) Nacrtajte dijagrame unutarnjih sila.



$$M = 100 \text{ kNm}$$

$$F = 100 \text{ kN}$$

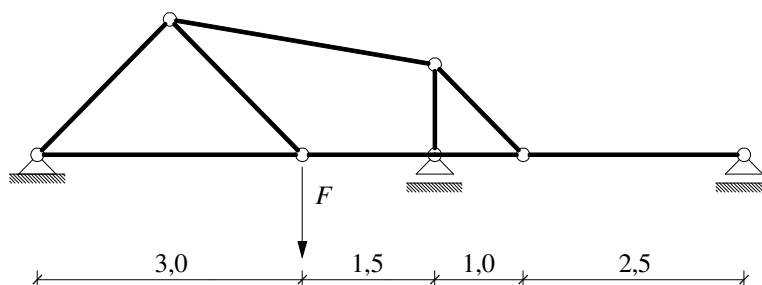
2. (30) Culmannovim postupkom odredite sile u štapovima 1-4.



$$F_1 = 100 \text{ kN}$$

$$F_2 = 75 \text{ kN}$$

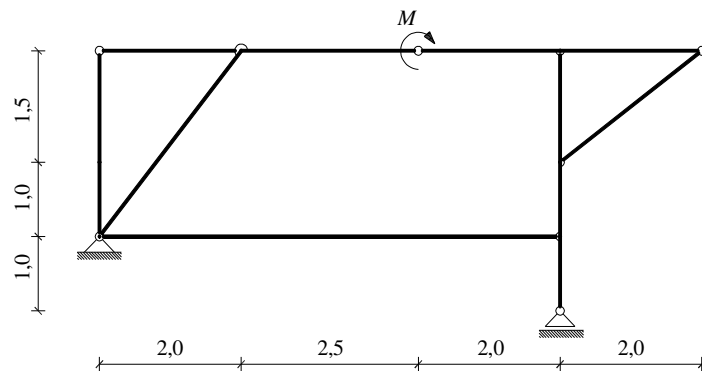
3. (30) Superpozicijskim postupkom nacrtajte dijagram momenata savijanja. Primjenom diferencijalnog odnosa nacrtajte dijagram poprečnih sila.



$$F = 100 \text{ kN}$$

GS 1. - 1. popravni kolokvij (B)– (2011./2012.)

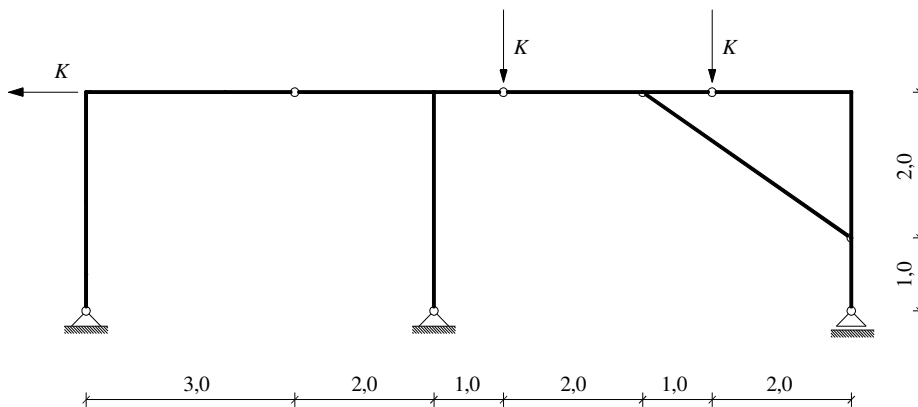
1. (35) Superpozicijskim postupkom odredite dijagrame M i T .



$$M = 210 \text{ kNm}$$

2. (30) Grafičkim postupkom odredite sile u svim zategama nosača iz prethodnog zadatka.

3. (35) Odredite dijagram M .

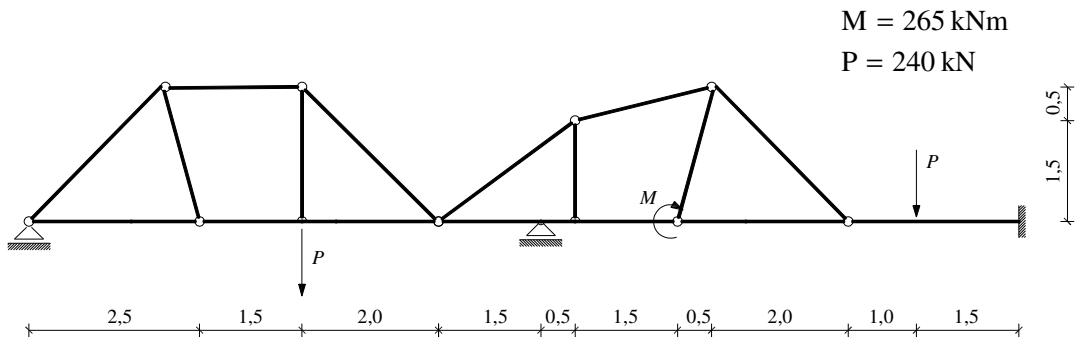


$$q = 60 \text{ kN/m}$$

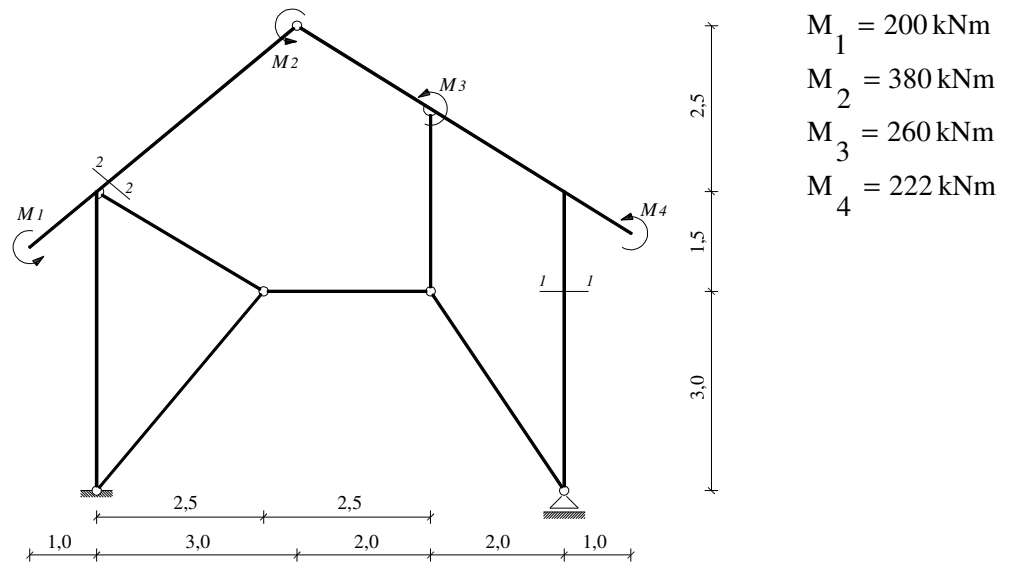
$$K = 120 \text{ kN}$$

GS 1. - 1. kolokvij za oslobodjenje (A) – (2011./2012.)

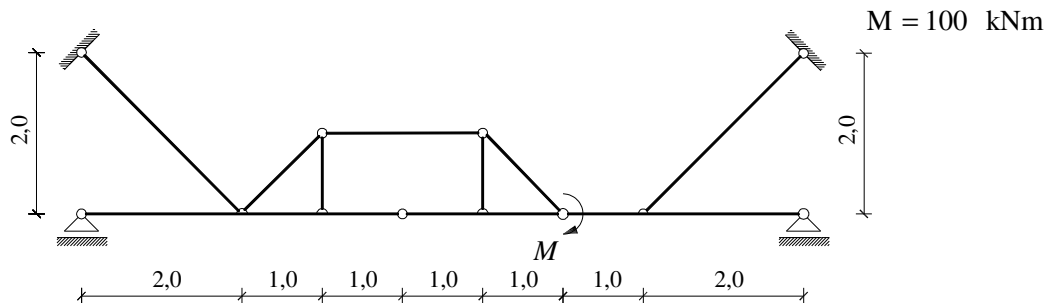
4. (35) Nacrtajte dijagram momenata savijanja.



5. (30) Grafičkim postupkom odredite sile u zadanim presjecima.

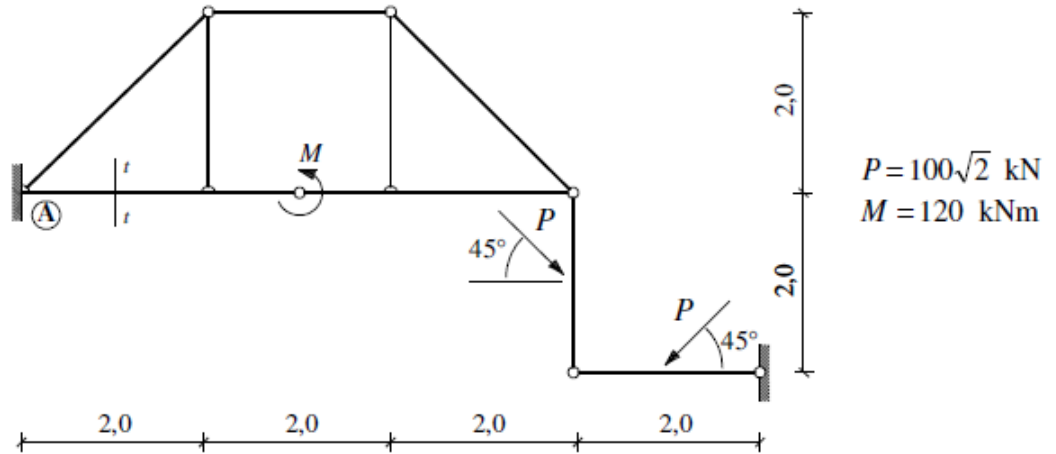


6. (35) Superpozicijskim postupkom odredite dijagram momenata savijanja.

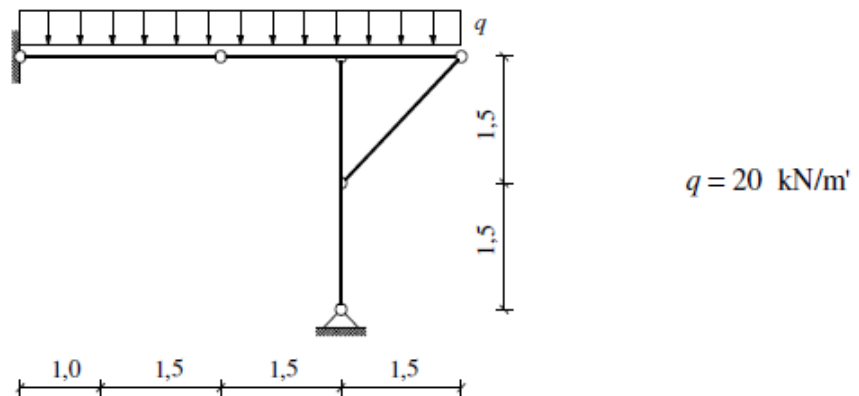


GS 1. - 1. kolokvij za oslobodjenje (B) – (2011./2012.)

1. (35) Grafičkim postupkom odredite reakcije u ležaju A te sile u presjeku $t-t$.



2. (30) Superpozicijskim postupkom nacrtajte M dijagram, te iz diferencijalnih odnosa T dijagram.



3. (35) Analitičkim postupkom odredite dijagram momenata.

