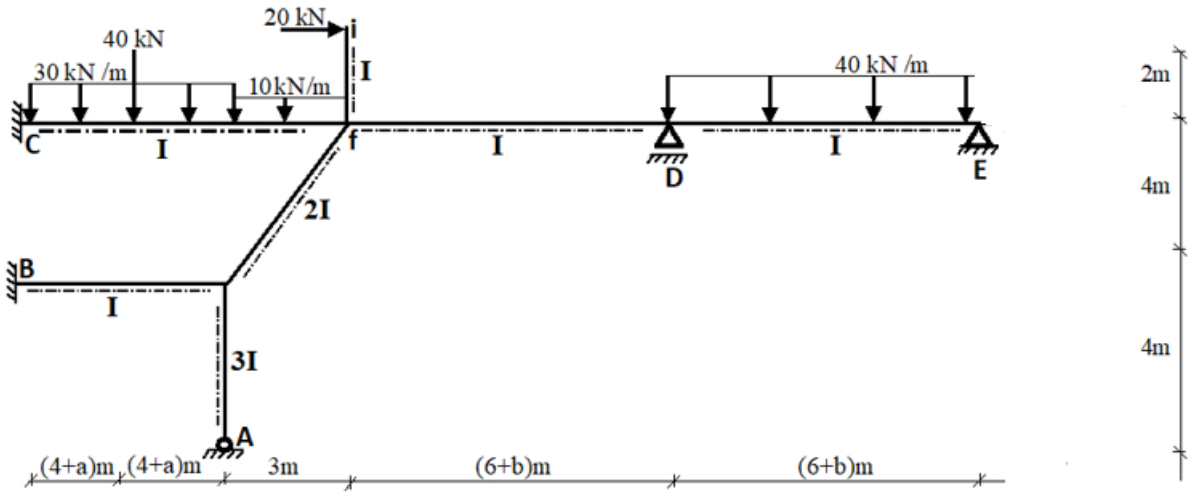
YTU – Department of Civil Engineering – Structural Engineering Division
Structural Analysis II – Homework Sheet 3

***Release Date:**25.12.2020 Hour:17.00* ***Delivery Date:**28.12.2020 Hour: 09.00*

Student Number:								
	A	***B***	***C***	***D***	***E***	***F***	***G***	***H***
a =0,2×(B+H) + 0,3×(E+G+H)			b = 0,2×(B+G) + 0,3×(D+G+H)					

Homework 4: Draw bending moment **(M)** and shear force **(V)** diagrams of the given system by using **Slope - Deflection Method.**

(EI= 3×10^4 kNm^2, EA= ∞ ve GA'= ∞)



(Figure-4)

NOTE:

- Send your solutions to **(ytu2021yapistatigi2@gmail.com)** mail address until **28.12.2020 09.00 a.m. with PDF file.** The name of the file should be as **"Student Number_Name_Surname_Group No_HW3"**
- The homework that is sent after the delivery date and hour **(28.12.2020 Hour: 09.00 a.m)** will not be evaluated.
- This worksheet has been prepared to provide a better understanding of the topics in the course in case of insufficient practice due to the time limitation of the course. It is recommended to you that discuss and evaluate the related questions after the courses in the preparation of the homework. It is clear that you will be more successful if you take this suggestion into consideration.
- All units are **kN** and **m**.
- Drawings and calculations must be **clearly** written **with pencil.**
- Please prepare the cover page according to Thesis Writing rule. Homework cover page which has not been prepared according to thesis writing rules will not be evaluated.

Good Luck….