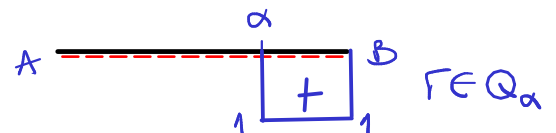
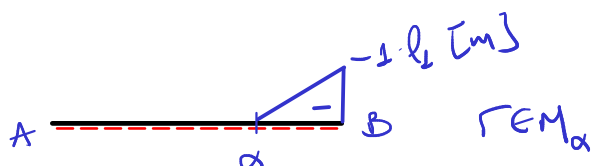
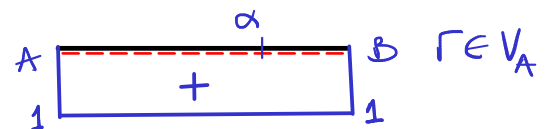
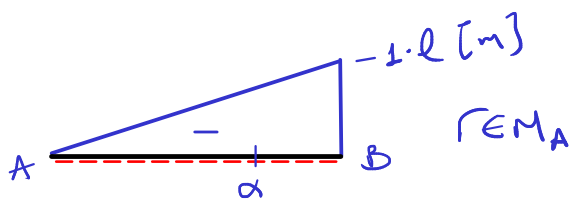
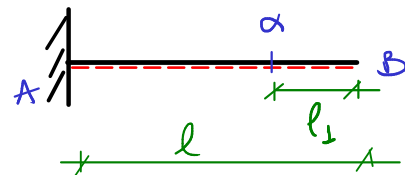
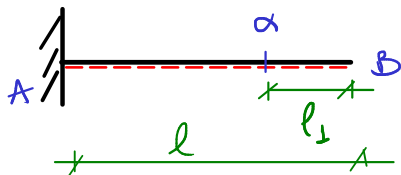
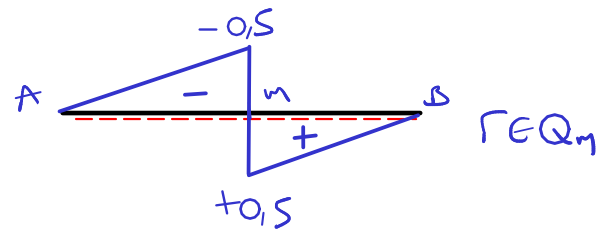
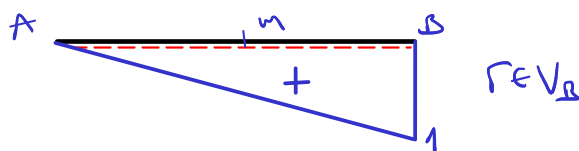
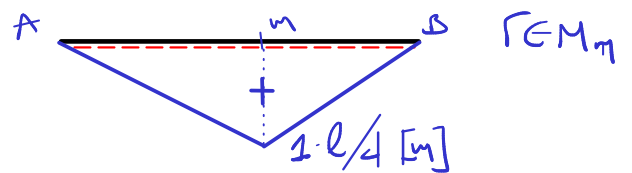
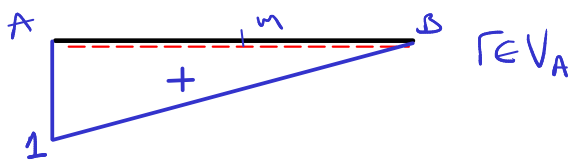
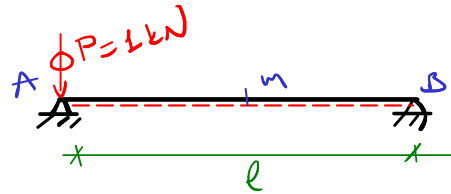
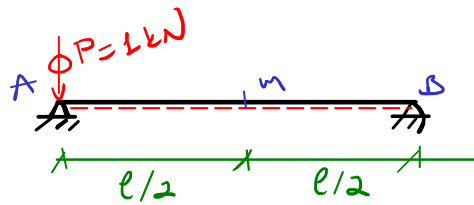
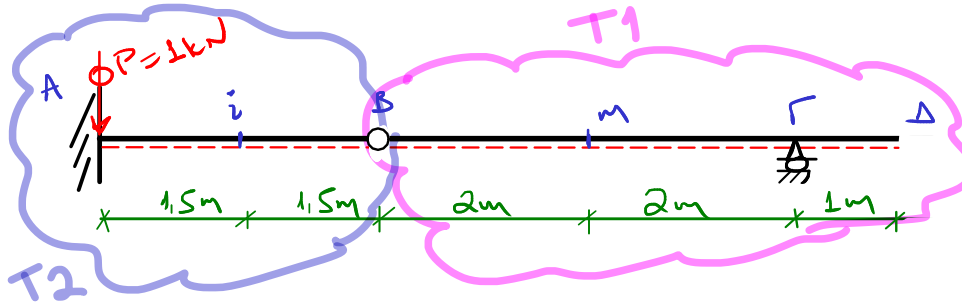


ΒΑΣΙΚΕΣ ΓΡΑΜΜΕΣ ΕΠΙΡΡΟΗΣ SOS ΑΠΕΞΕ



ΓΡΑΜΜΕΣ ΕΠΙΡΡΟΗΣ ΣΕ ΦΟΡΕΙΣ ΜΕ ΕΣΩΤΕΡΙΚΗ ΑΡΘΡΩΣΗ



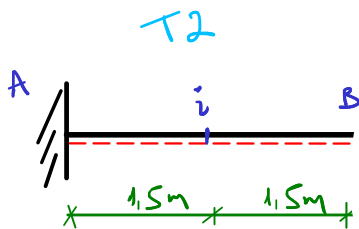
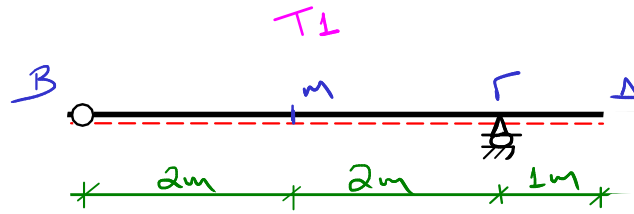
Για κίνηση $\Phi P = 1kN$
από $A \rightarrow \Delta$
Ζητάμε:
 $\Gamma EV_A, \Gamma EV_\Gamma$
 ΓEM_A

Βήμα 1ο: Ανίσχυρο προς Ισχυρό = $T_1 \rightarrow T_2 \rightarrow \dots$

T_1 : Μονοπρόκρουσα $B \Gamma \Delta \rightarrow$ ανίσχυρο

T_2 : Πρόβολος

ΓEM_m	ΓEM_i
ΓEQ_m	ΓEQ_i



Βήμα 2ο: ΑΝ η ΓΕ που αναδυτώ βρίσκεται σε στήλιο του T_1 , τότε αποκλείεται το ΓE από αυτό.

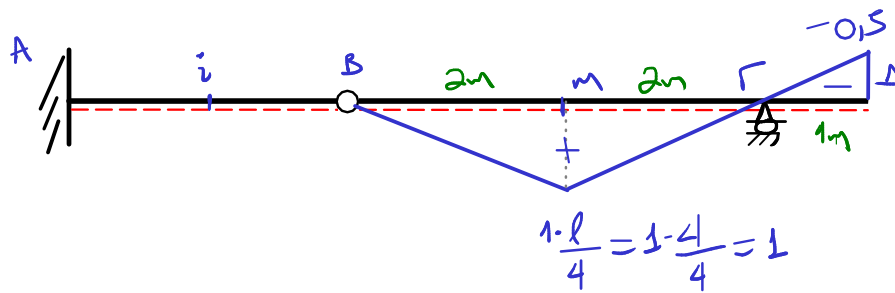
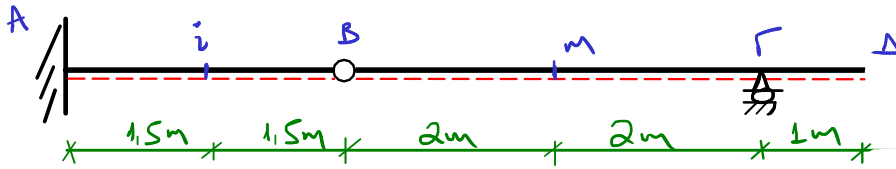
• ΑΝ η ΓΕ είναι σε στήλιο στο T_2 , τότε:

→ Σχεδιάσω στο T_2

→ Επεκτώνω στο T_1

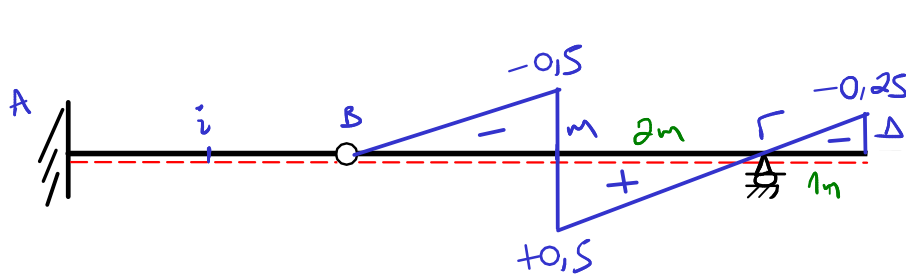
→ Μηδενίσω στην τελευταία κίνηση/άρθρωση (ηλετώ στο Γ)

→ Στην εσωτερική άρθρωση αλλάσω κίνηση



$$\frac{x}{1} = \frac{1}{2} = 0,5$$

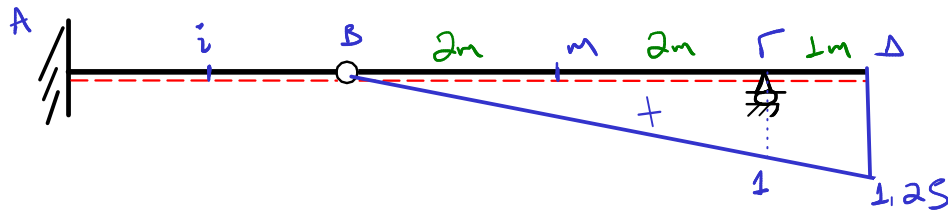
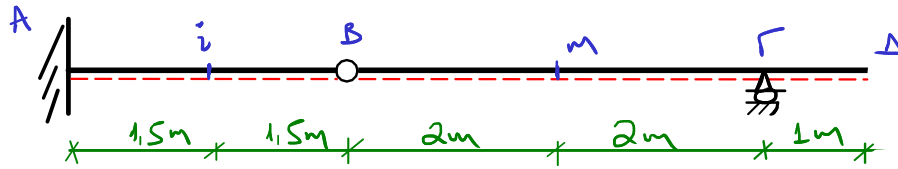
$\Gamma \in M_m$



$$\frac{x}{0,5} = \frac{1}{2} \Rightarrow x = \frac{1}{4}$$

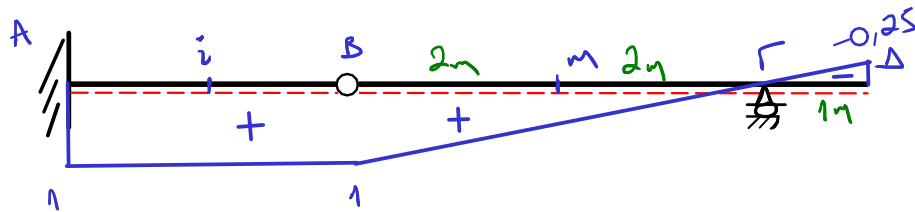
$\Gamma \in Q_m$





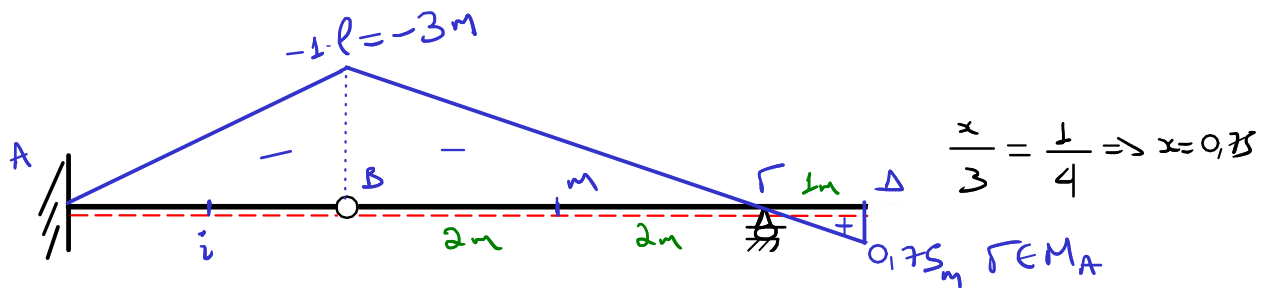
$$\frac{x}{1} = \frac{5}{4} = 1.25$$

$\Gamma \in V_r$



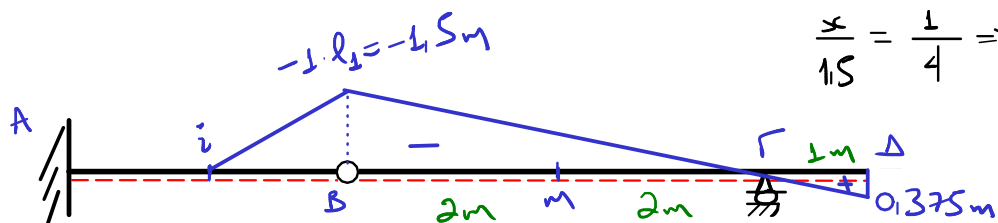
$$\frac{x}{1} = \frac{1}{4} = 0.25$$

$\Gamma \in V_A$



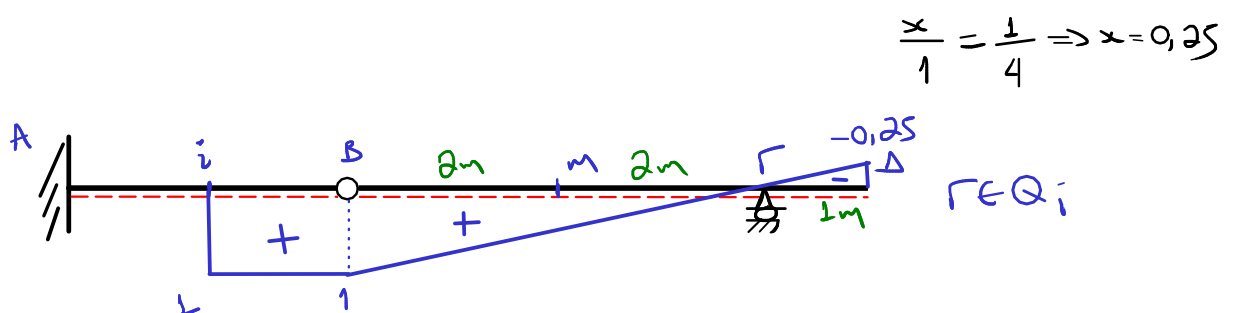
$$\frac{x}{3} = \frac{1}{4} \Rightarrow x = 0.75$$

$\Gamma \in M_A$



$$\frac{x}{1.5} = \frac{1}{4} \Rightarrow x = 0.375$$

$\Gamma \in M_i$



$$\frac{x}{1} = \frac{1}{4} \Rightarrow x = 0.25$$

$\Gamma \in Q_i$

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