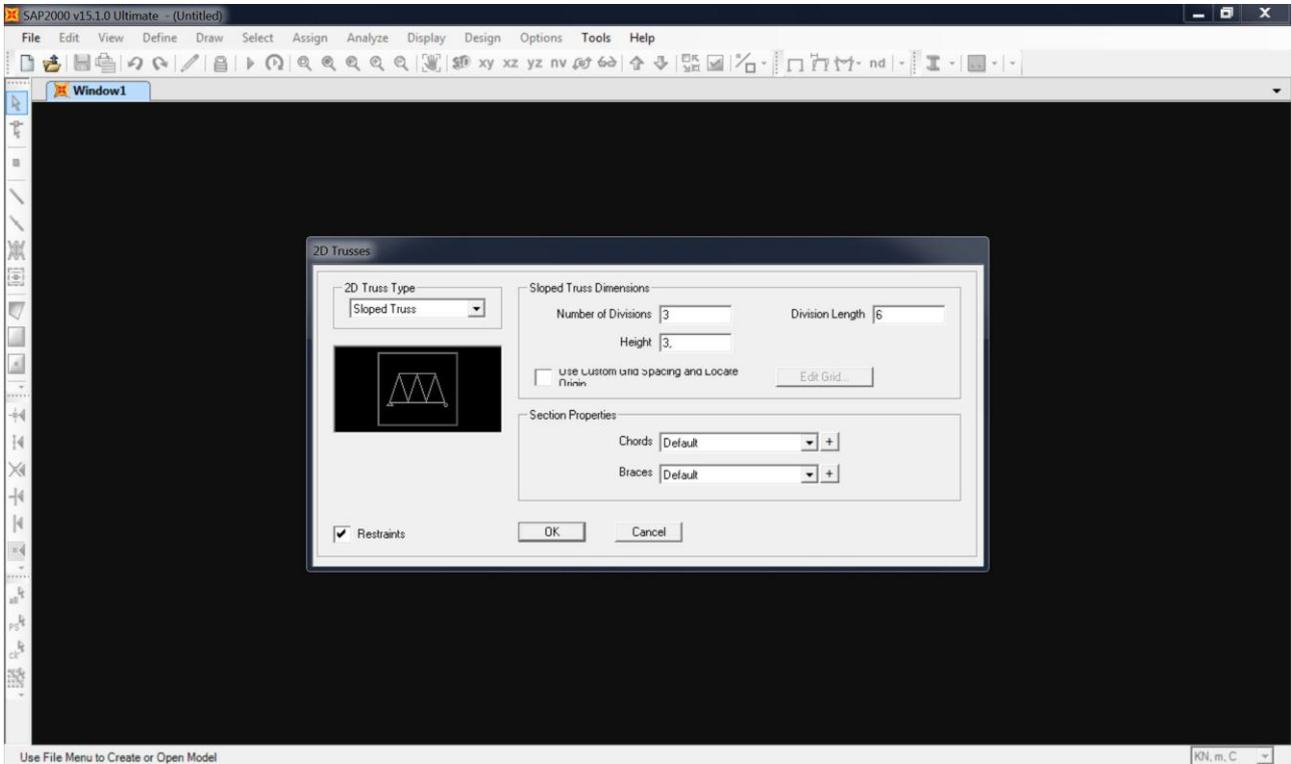
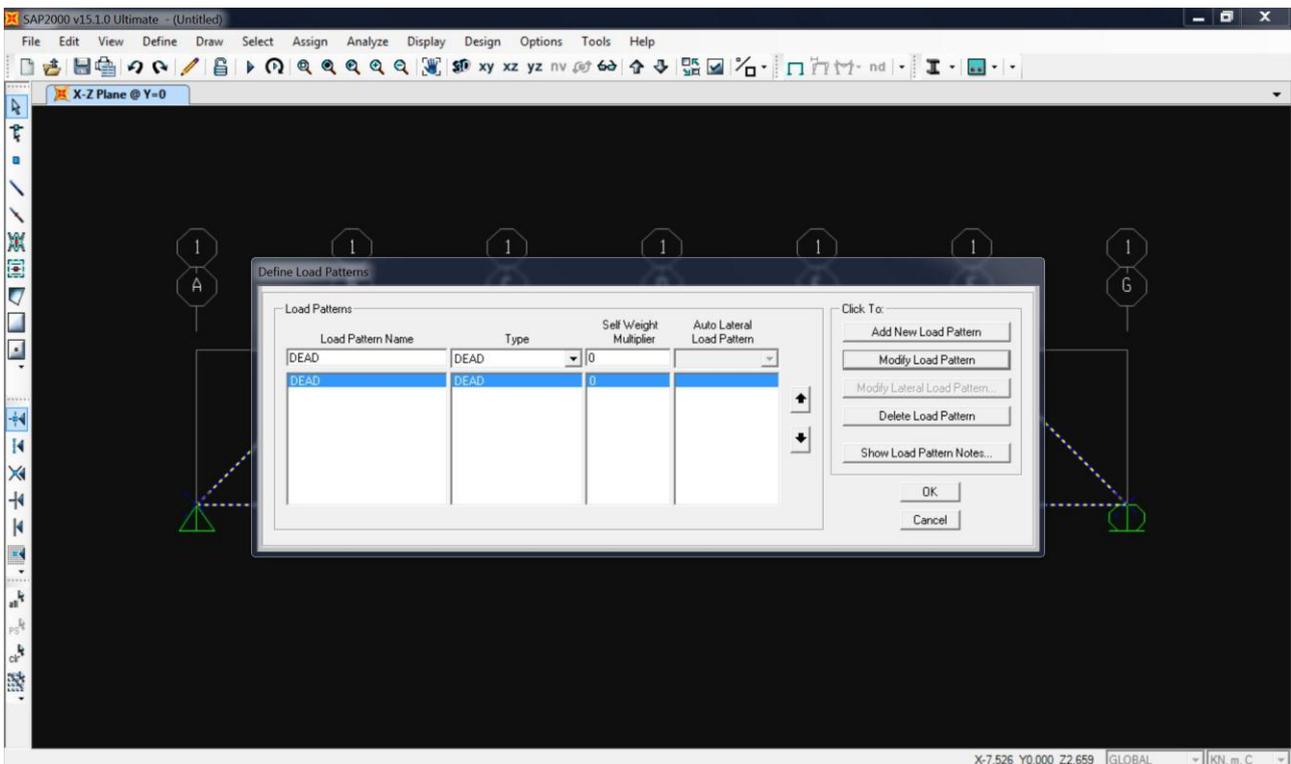


ESERCITAZIONE 2_TRAVE RETICOLARE (SAP2000)

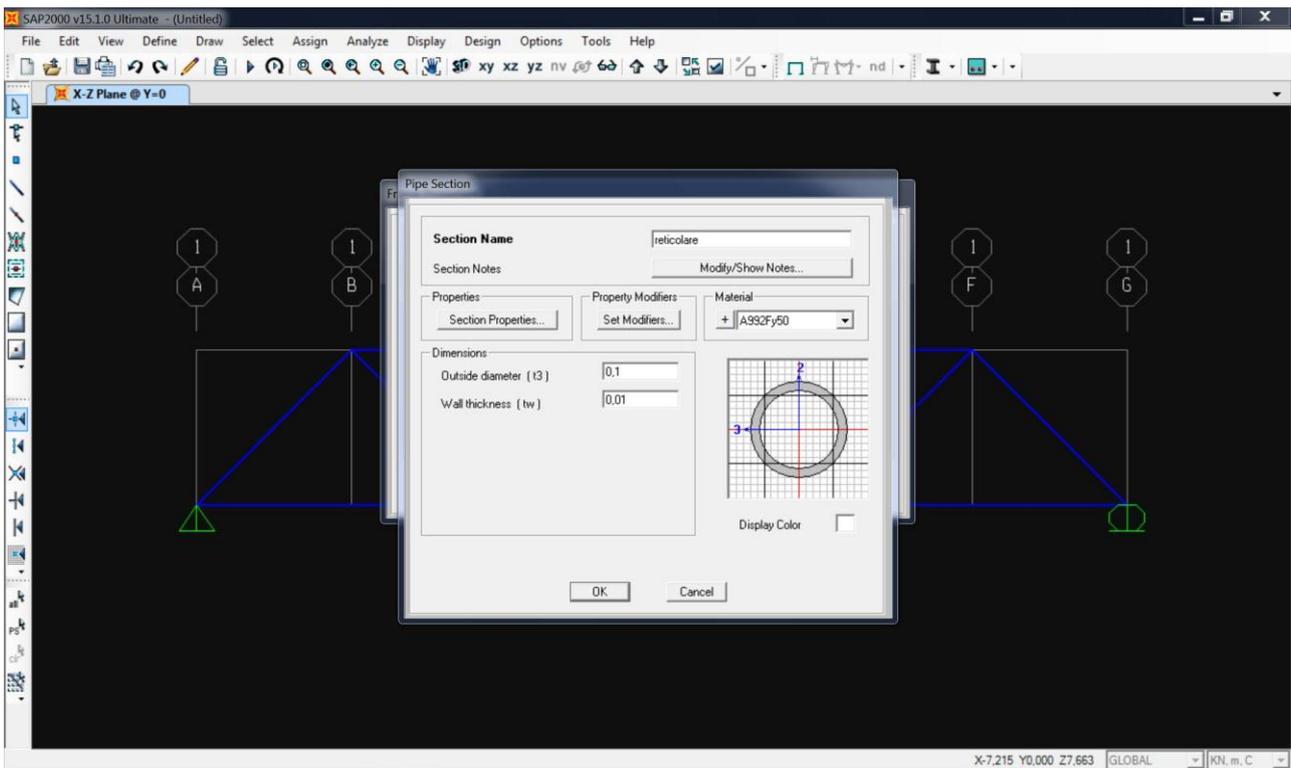
1_Definisco una trave reticolare (2d Trusses) avente i seguenti parametri



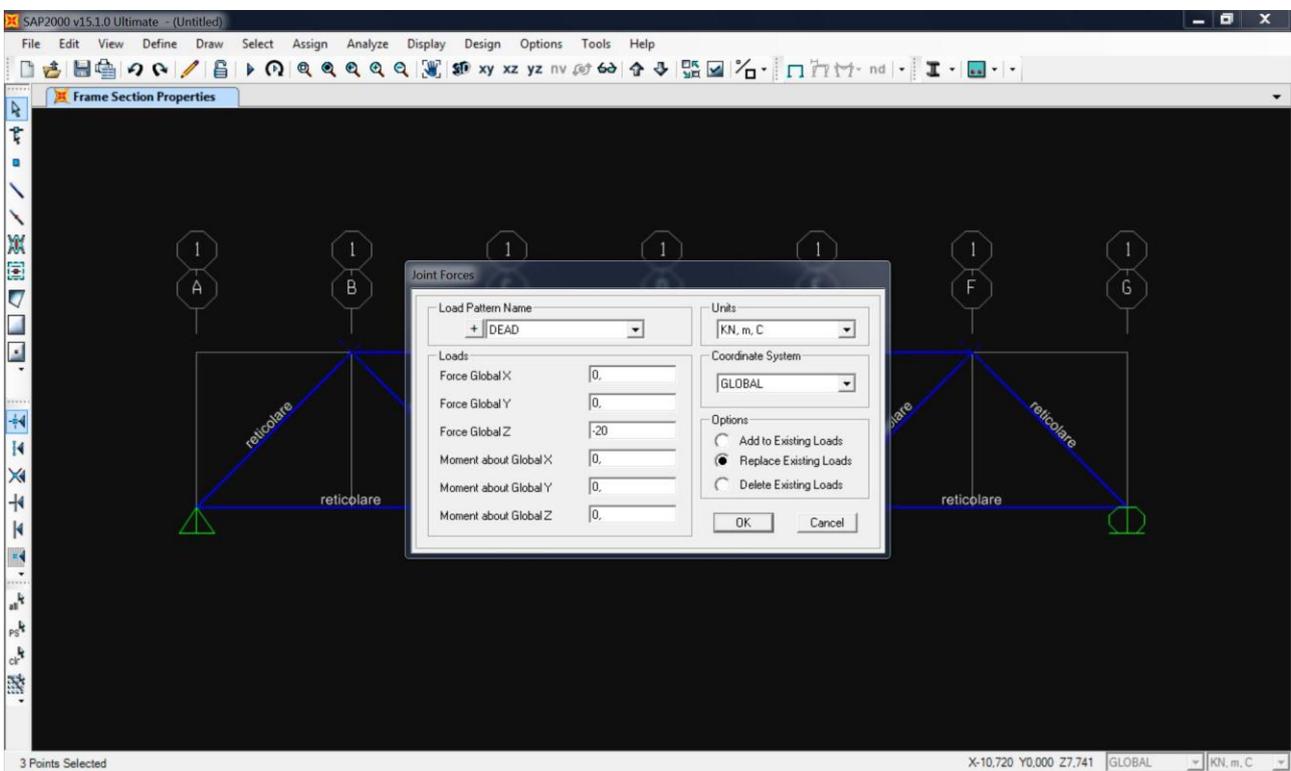
2_Asgeno un carico nullo alla struttura in modo da ottenere solo il calcolo di carichi e forze esterne



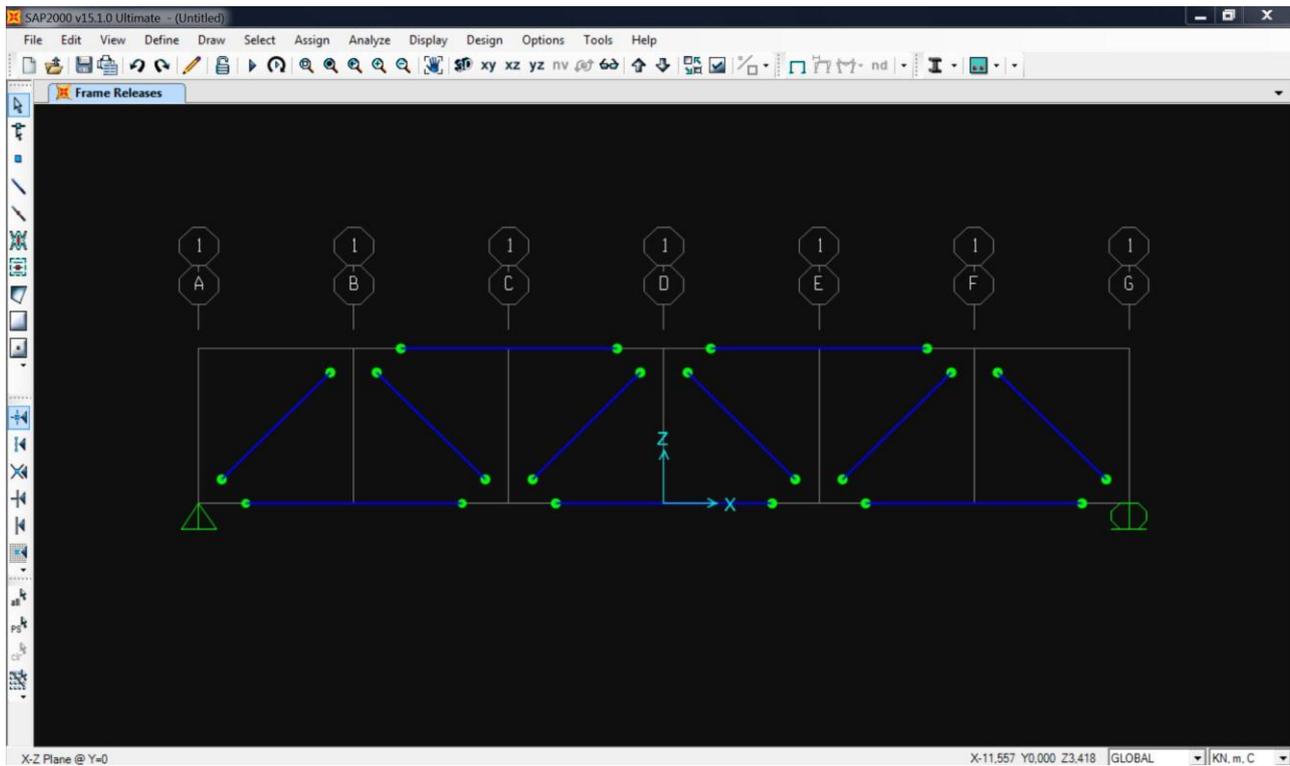
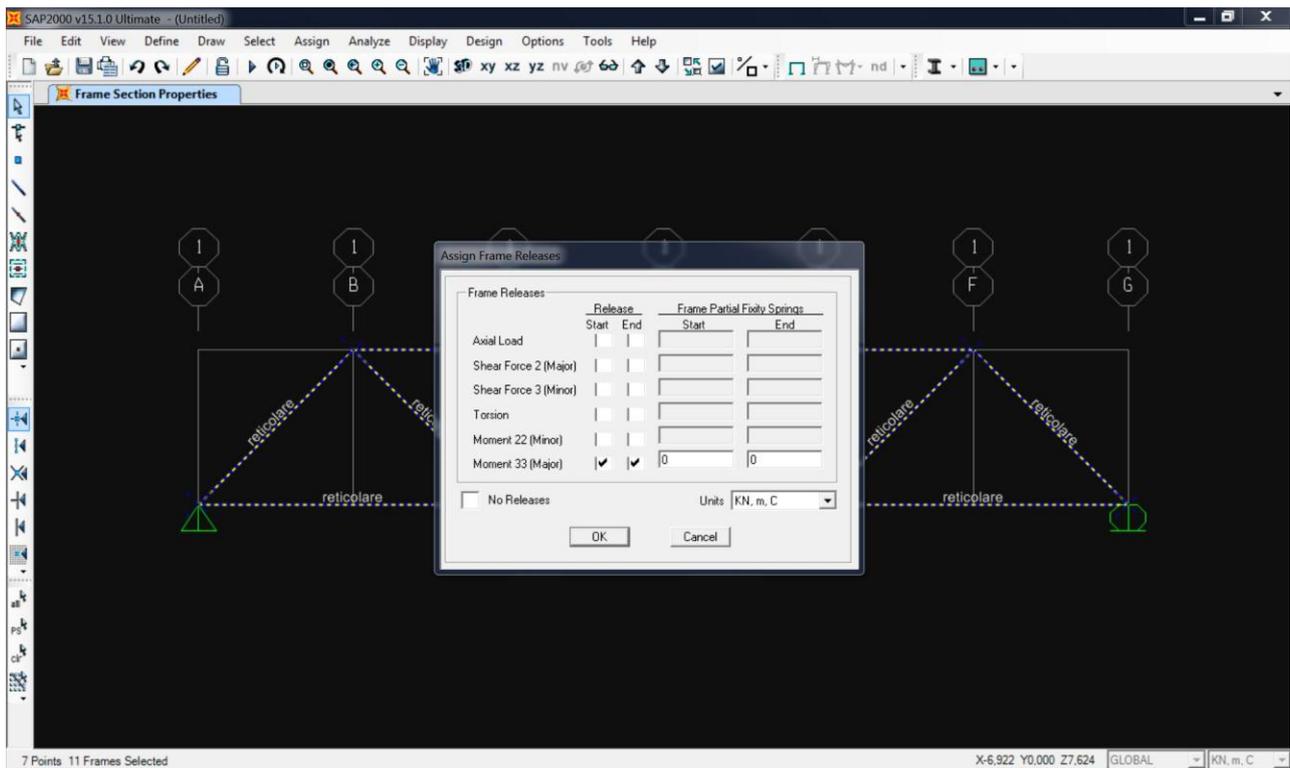
3_ Dopo aver disegnato la trave, definisco la sezione in acciaio



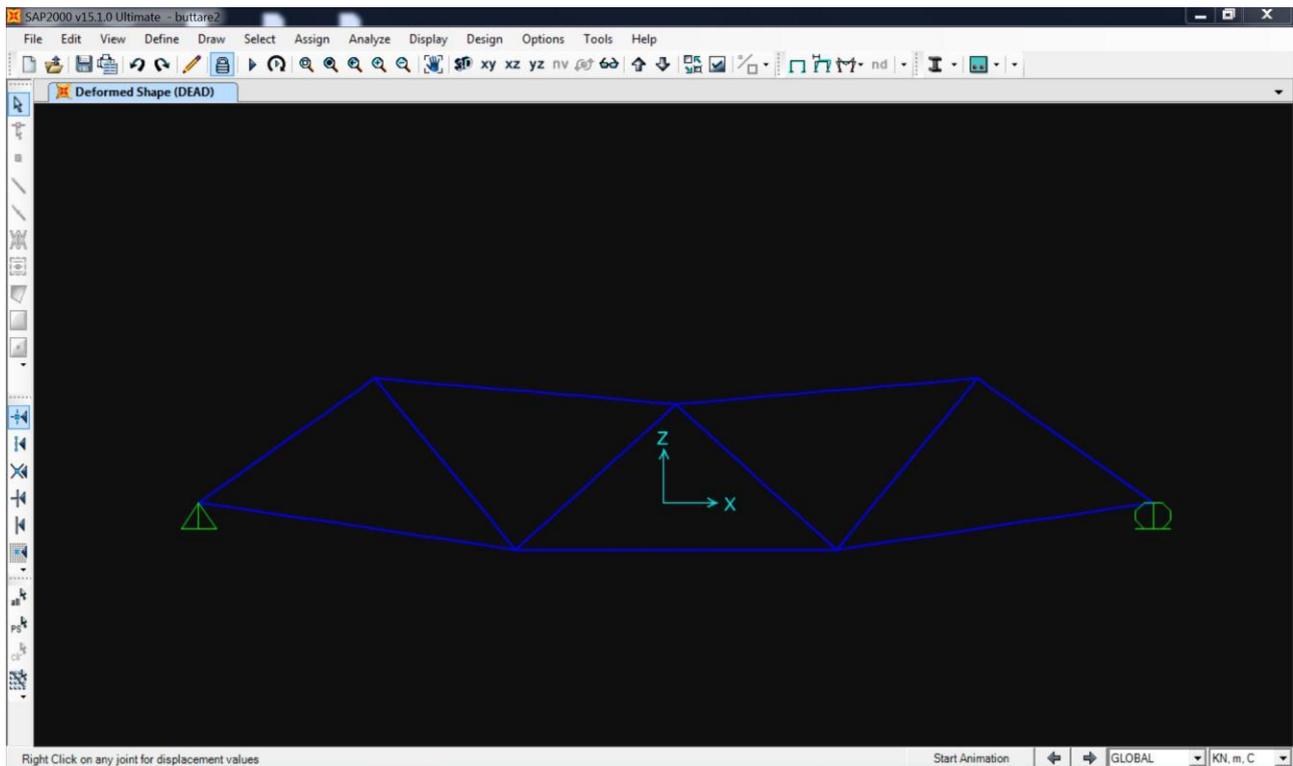
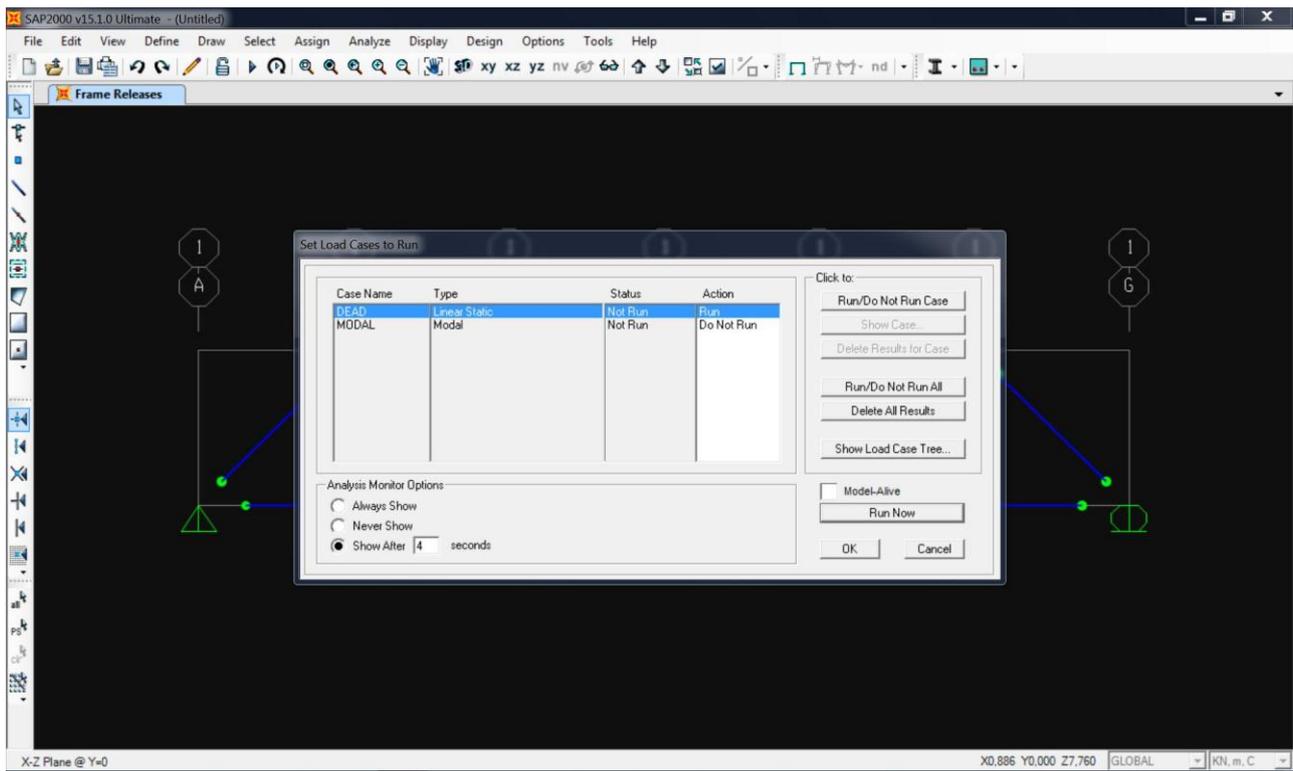
4_ Seleziono i nodi superiori su cui agiscono le forze esterne e assegno un valore di -20 KN



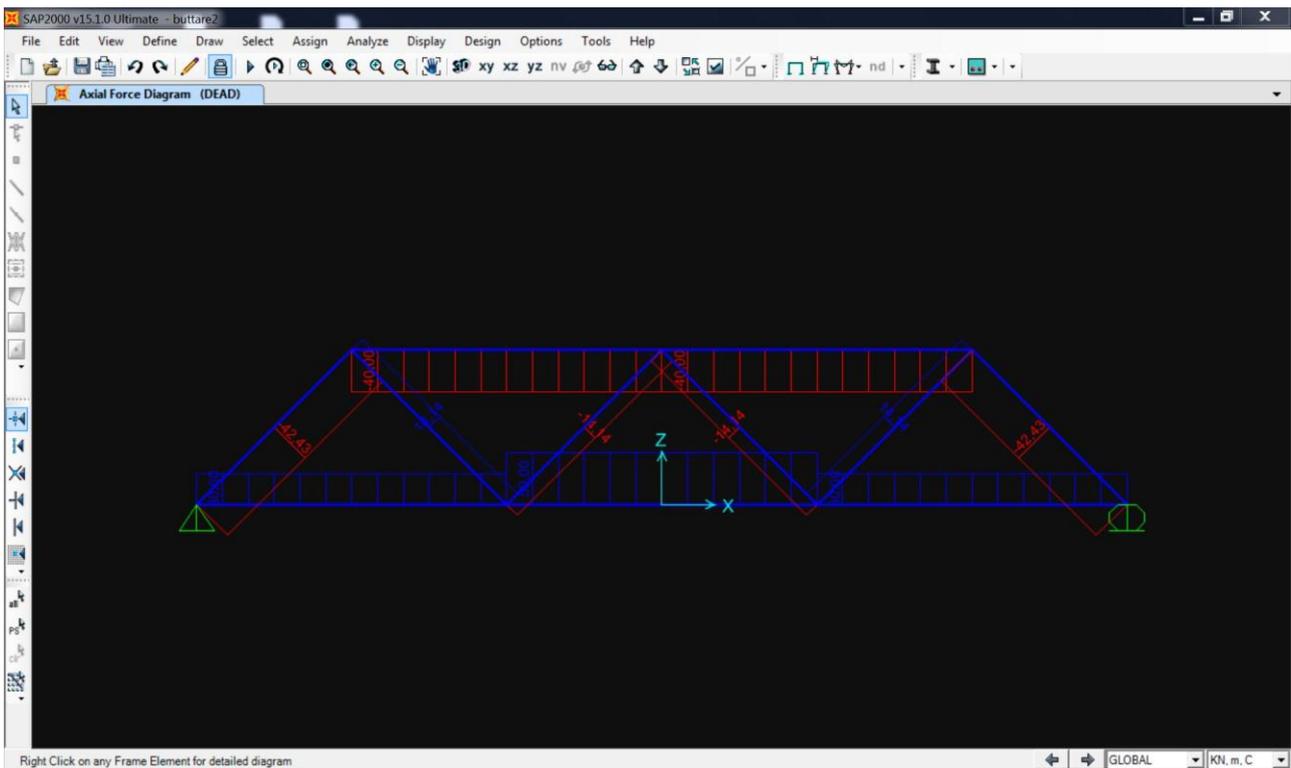
5_I nodi divengono cerniere interne in cui il momento è nullo (assign_frame_releases_moment 3-3=0-0)



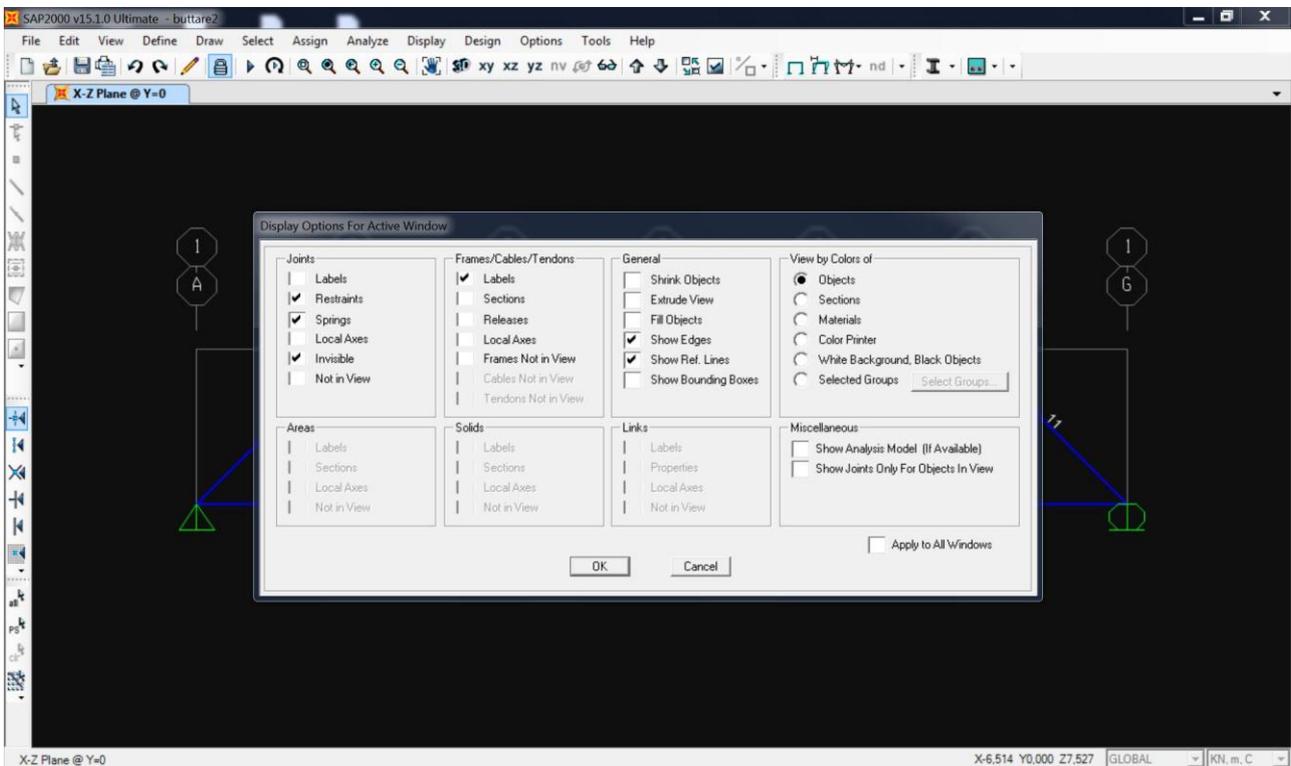
6_ Visualizzo la deformata ottenendo l'analisi della struttura (run)



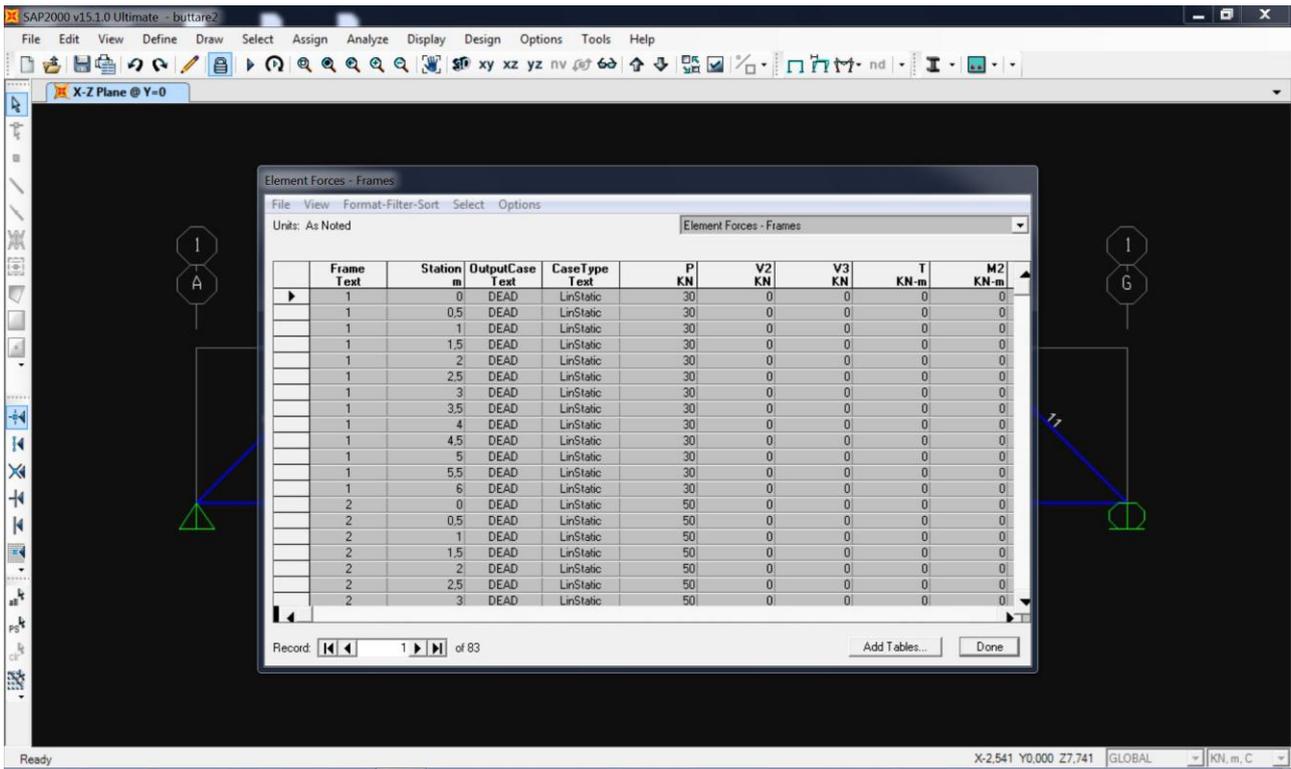
7_ Visualizzo il diagramma dello sforzo assiale con i relativi valori



8_ Assegno un numero alle aste (set display options_frame_labels)



9_Visualizzo le tabelle di analisi (display_show tables_analysis results_element forces-frames)



10_Esporto la tabella in Excel e metto in evidenza i valori di interesse relativi ad ogni asta

