

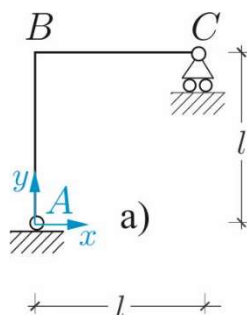
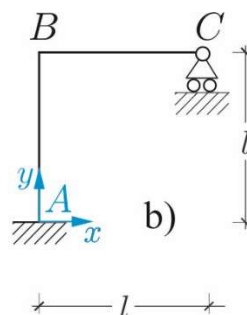
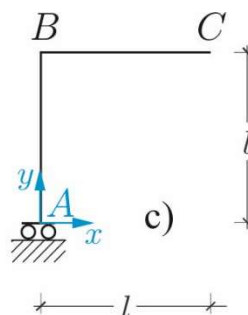
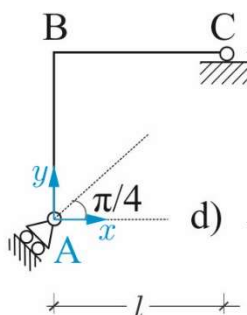
(E01)

Classificazione cinematica del corpo rigido

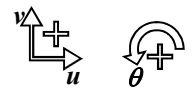
Problema 1. Per ognuna delle strutture in *figura 1* si chiede di: **1)** individuare, se esiste, la posizione del centro assoluto di rotazione del corpo; **2)** effettuare la classificazione cinematica della struttura; **3)** scrivere la matrice cinematica scegliendo come polo il punto A.

Problema 2. Per ciascuna delle travi rigide vincolate riportate in *figura 2* si determini, se esiste, la posizione del centro assoluto di rotazione per il corpo.

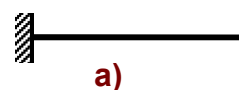
1

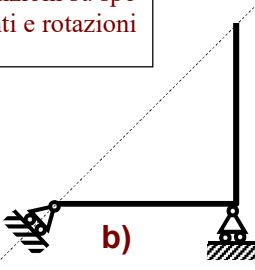
2



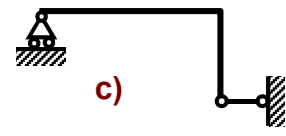
Convenzioni su spostamenti e rotazioni



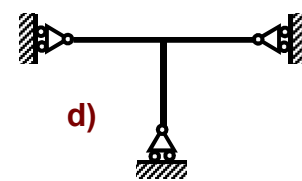
a)



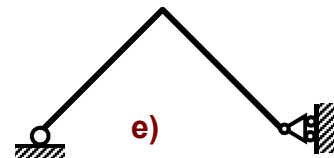
b)



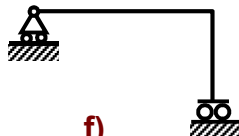
c)



d)



e)



f)

COGNOME.....
NOME.....
MAT.....

PAGINA WEB DEL CORSO:
www.pcasini.it/disg/sdc
(Cap. 2, §§ 2.6, 2.7, 2.8)