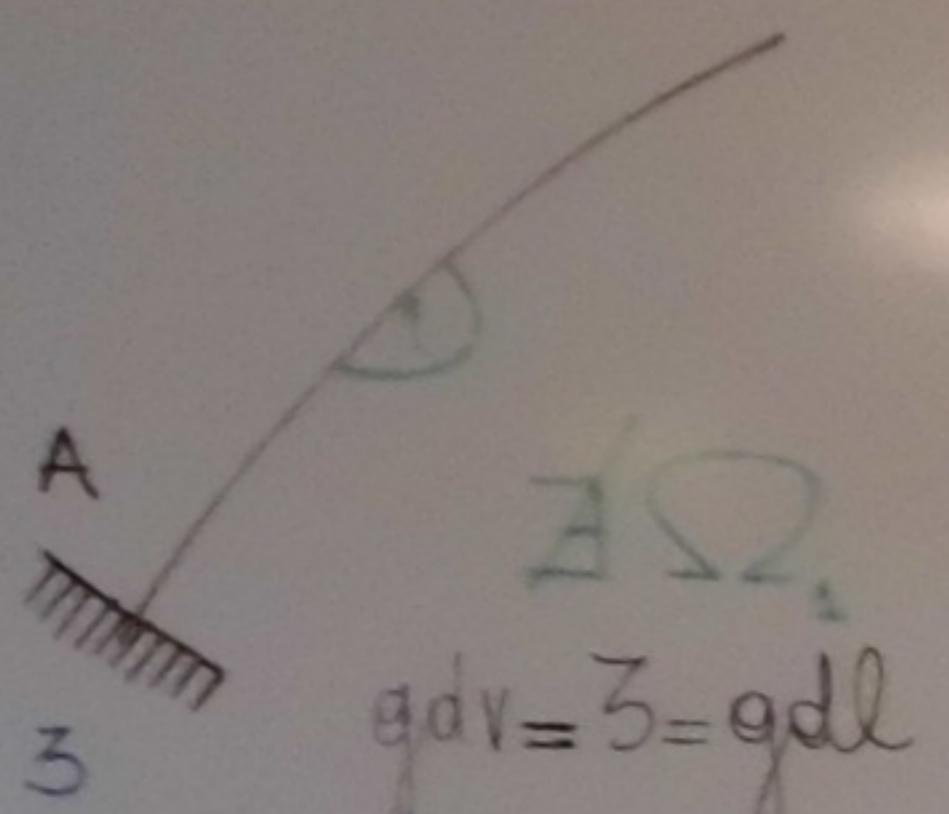


## Schemi isostatici fondamentali

1)

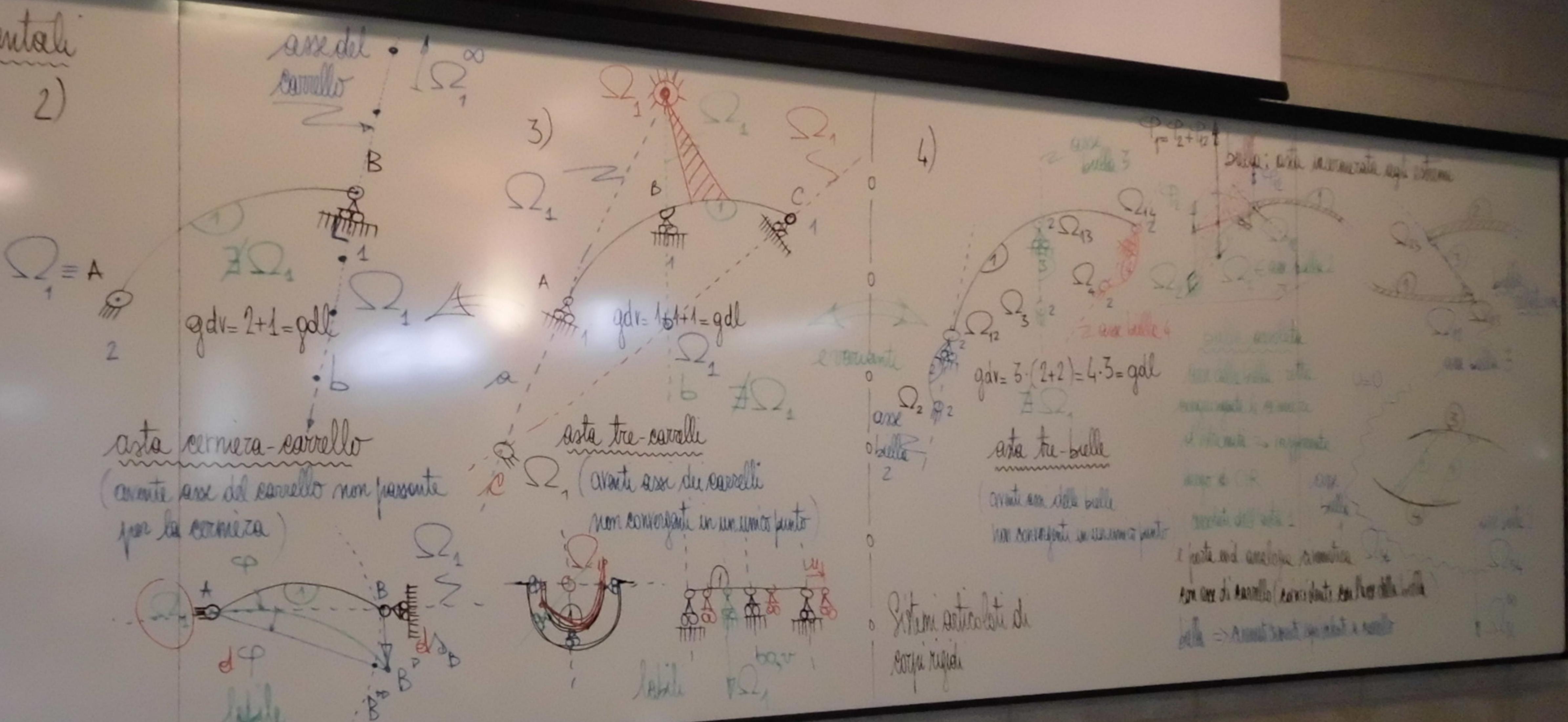


$$gdr = 3 = gdl$$

asta incastrita

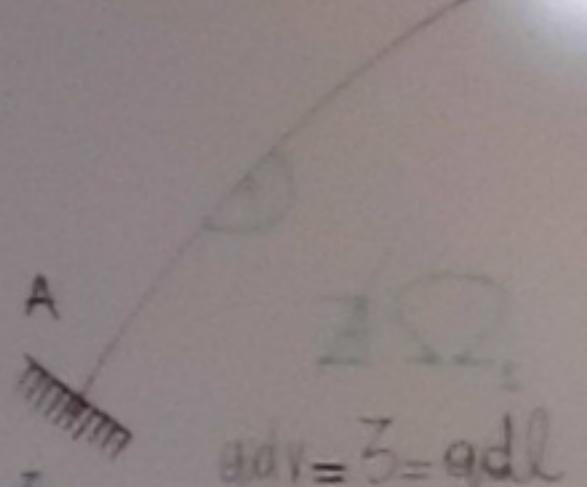
## Schemi isostatici del Corpo Rigido

$$(3+3; 2+4=3; 1+1+1=3)$$



## Schemi isostatici fondamentali

1)

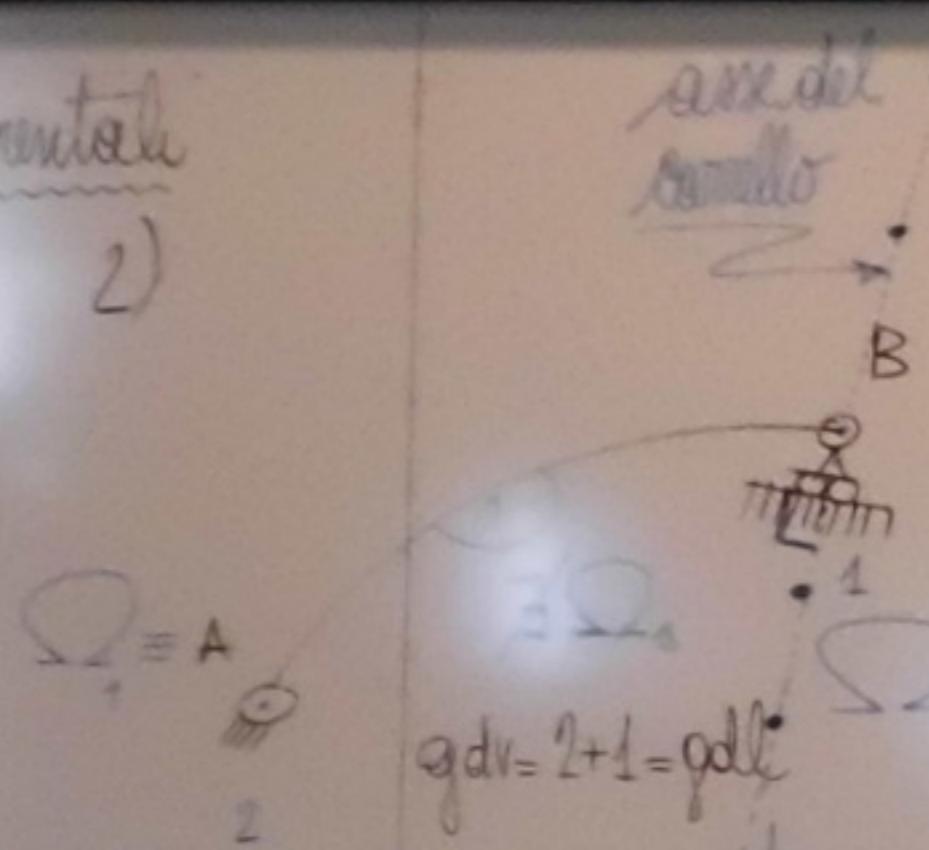


$$qdr = 3 = qdl$$

asta incartata

Schemi isostatici del corpo rigido  
(3; 3+3; 3+3+3)

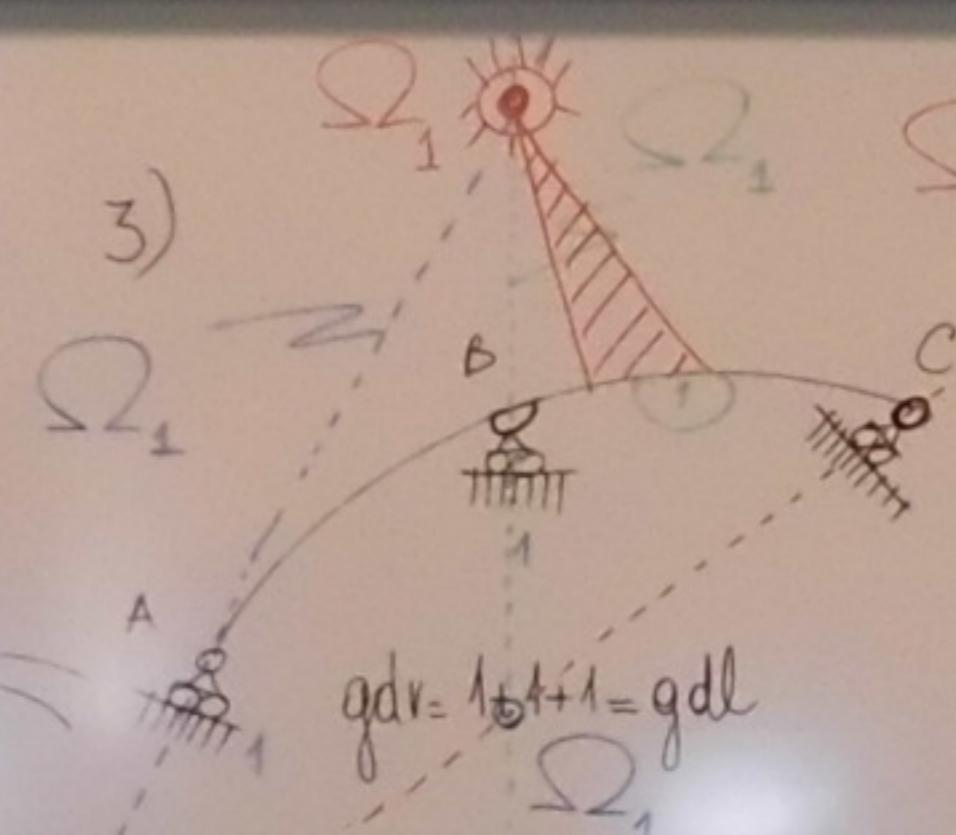
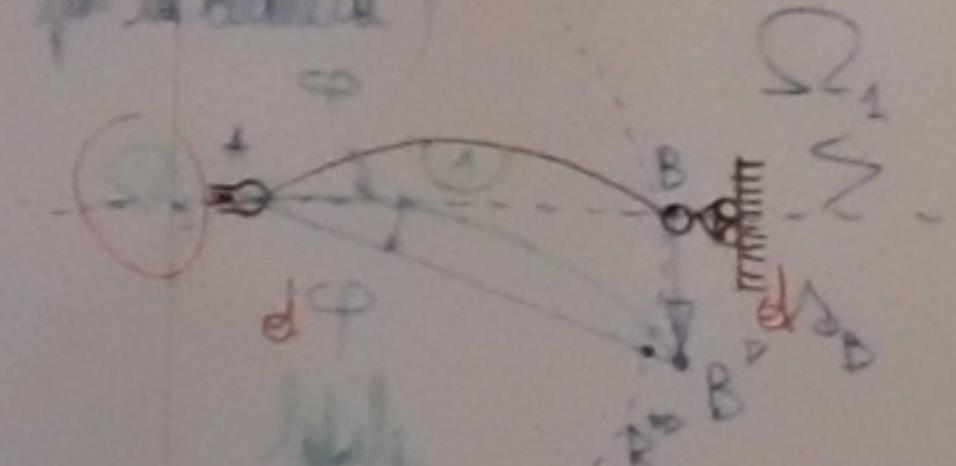
2)



$$qdr = 2+1 = qdl$$

asta cernice-carrello

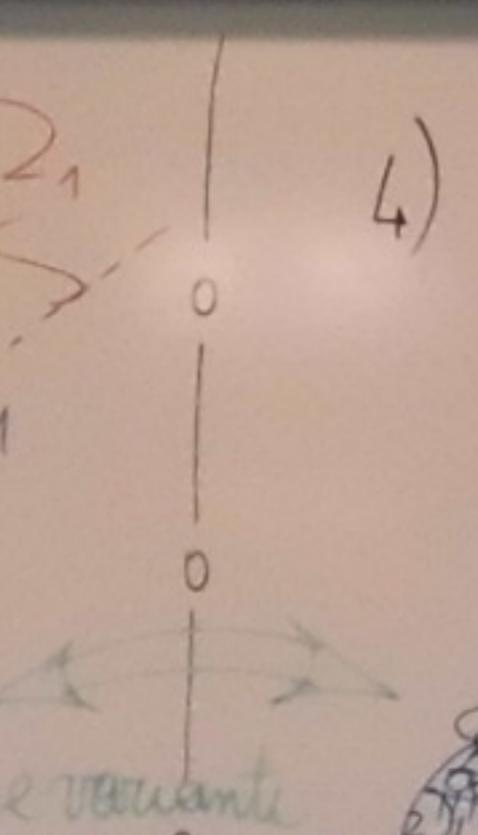
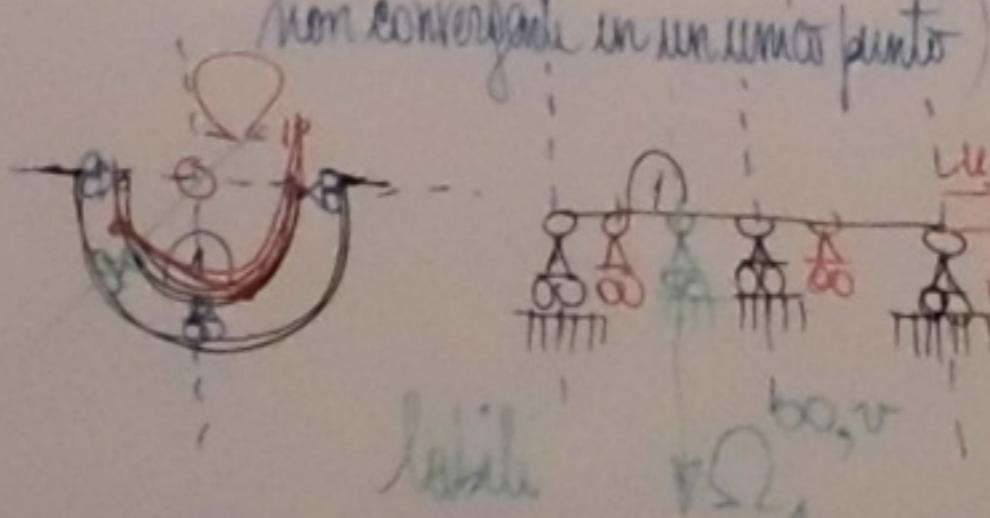
(ante ore del carrello non passante per la cernice)



$$qdr = 1+4+1 = qdl$$

asta tre-carrelli

(ante ore del carrello non convergenti in un unico punto)



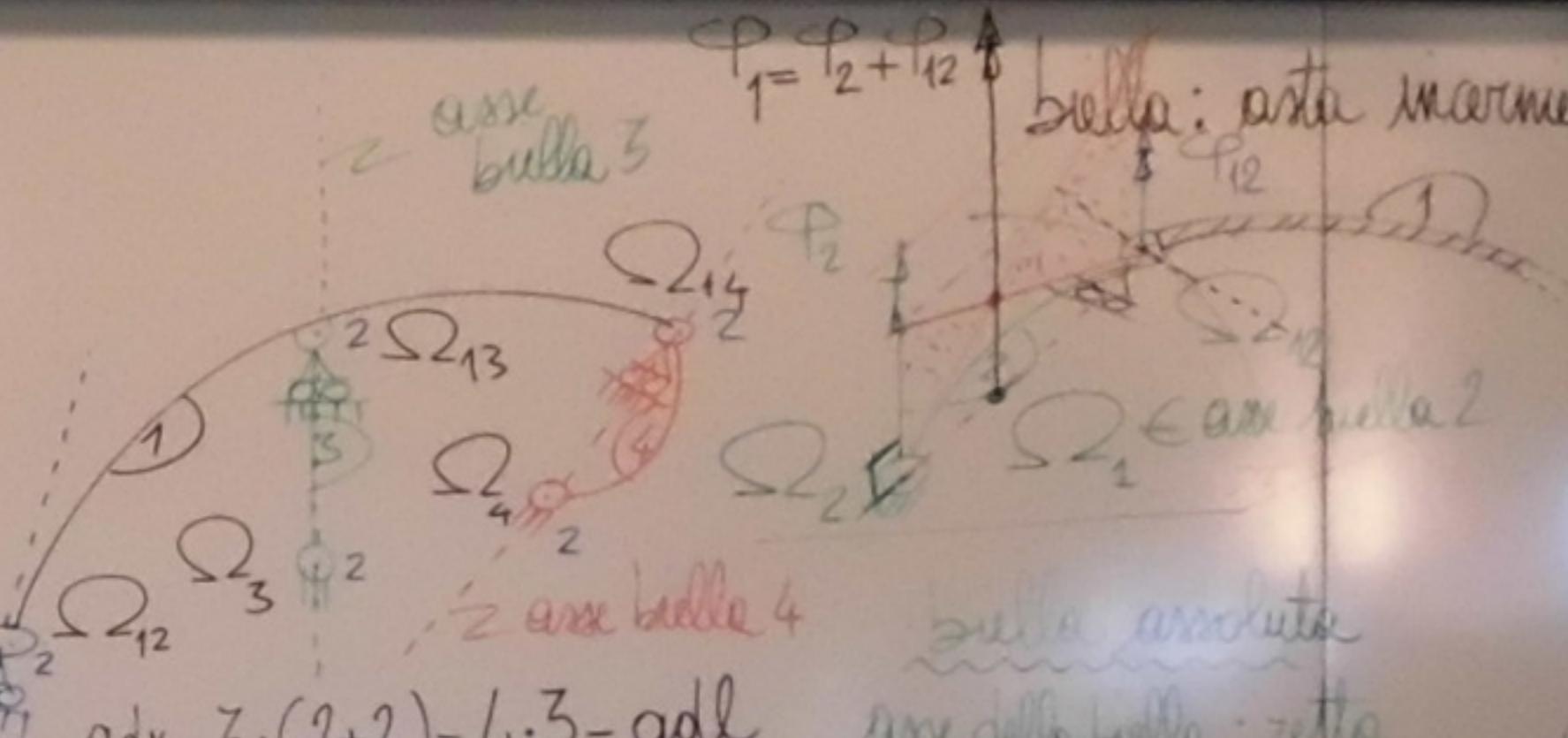
$$qdr = 0$$

evanente

asse obelle

2

Sistemi articolati di corpi rigidi



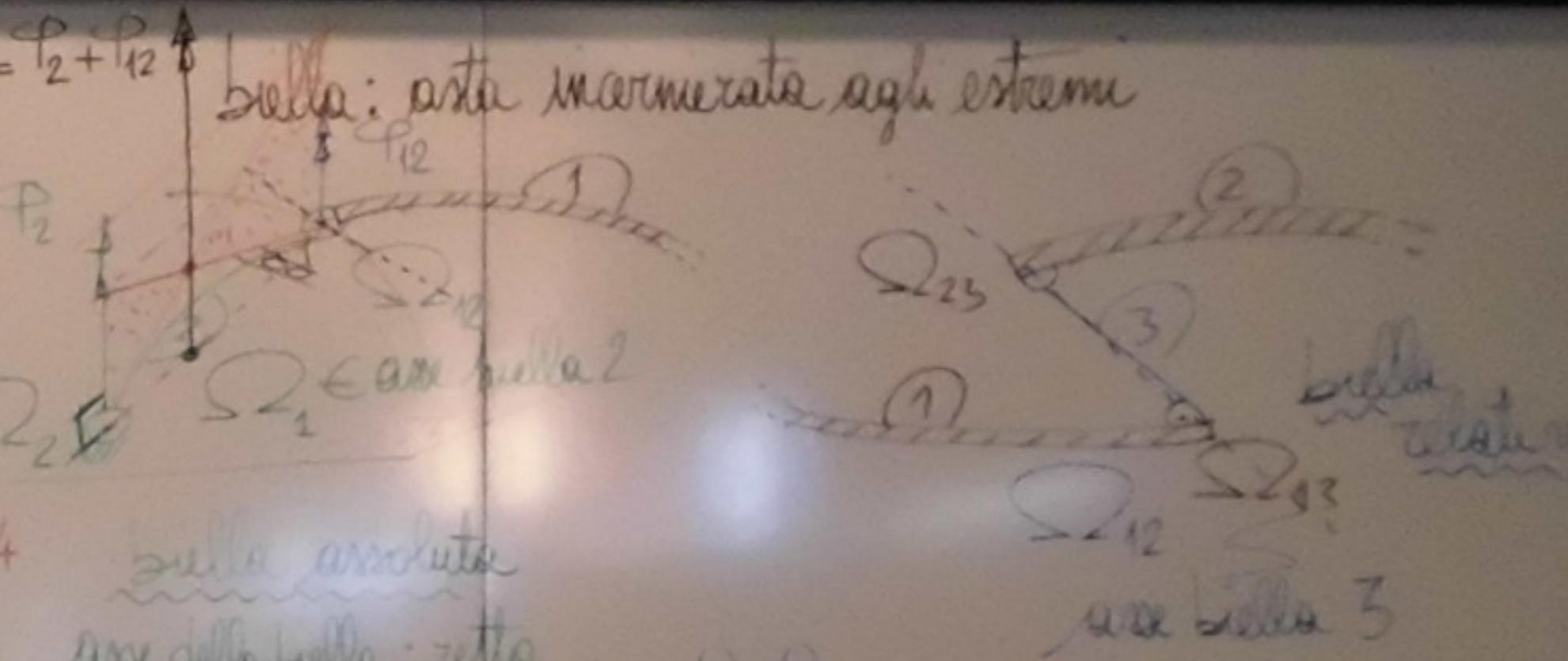
$$qdr = 3 \cdot (2+2) = 4 \cdot 3 = qdl$$

asta tre-bielle

(ante ore delle bielle non convergenti in un unico punto)

asse obelle

2



$$qdr = 0$$

asse delle bielle: retta

congiungente le cerniere d'estremità → rappresenta luogo di CIR

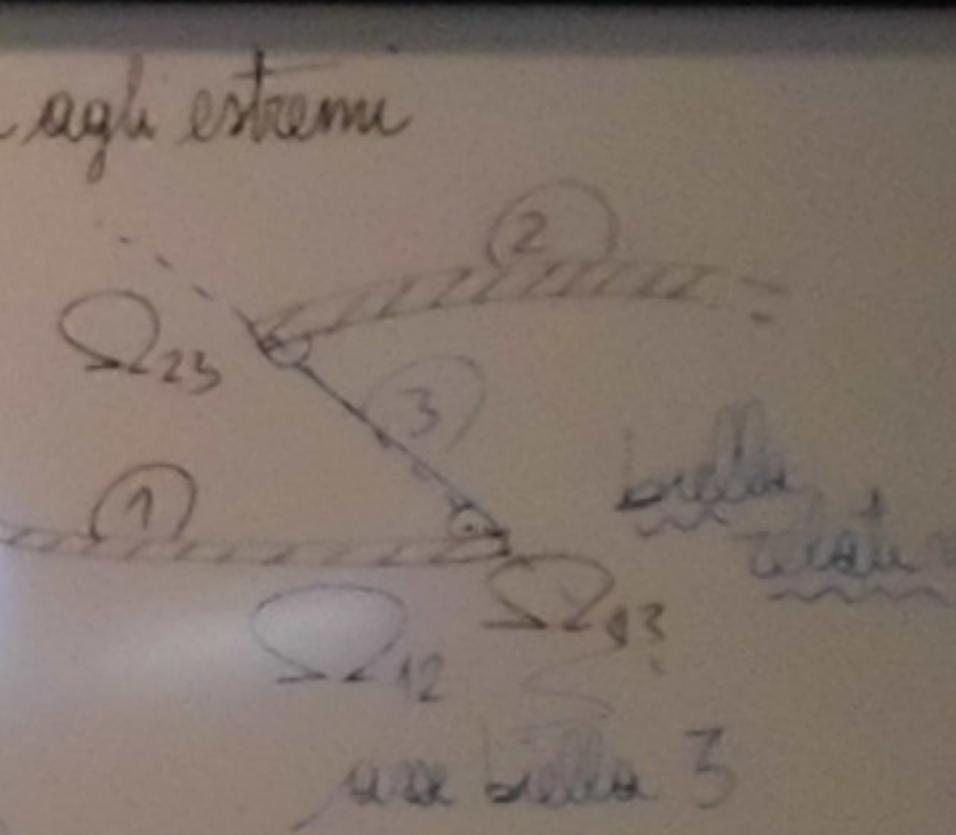
asse delle bielle

1

e parte vid. analogia cinematica

con ore di carrello (coincidente con l'asse delle bielle)

bella → cinematicamente equivalente a scatola

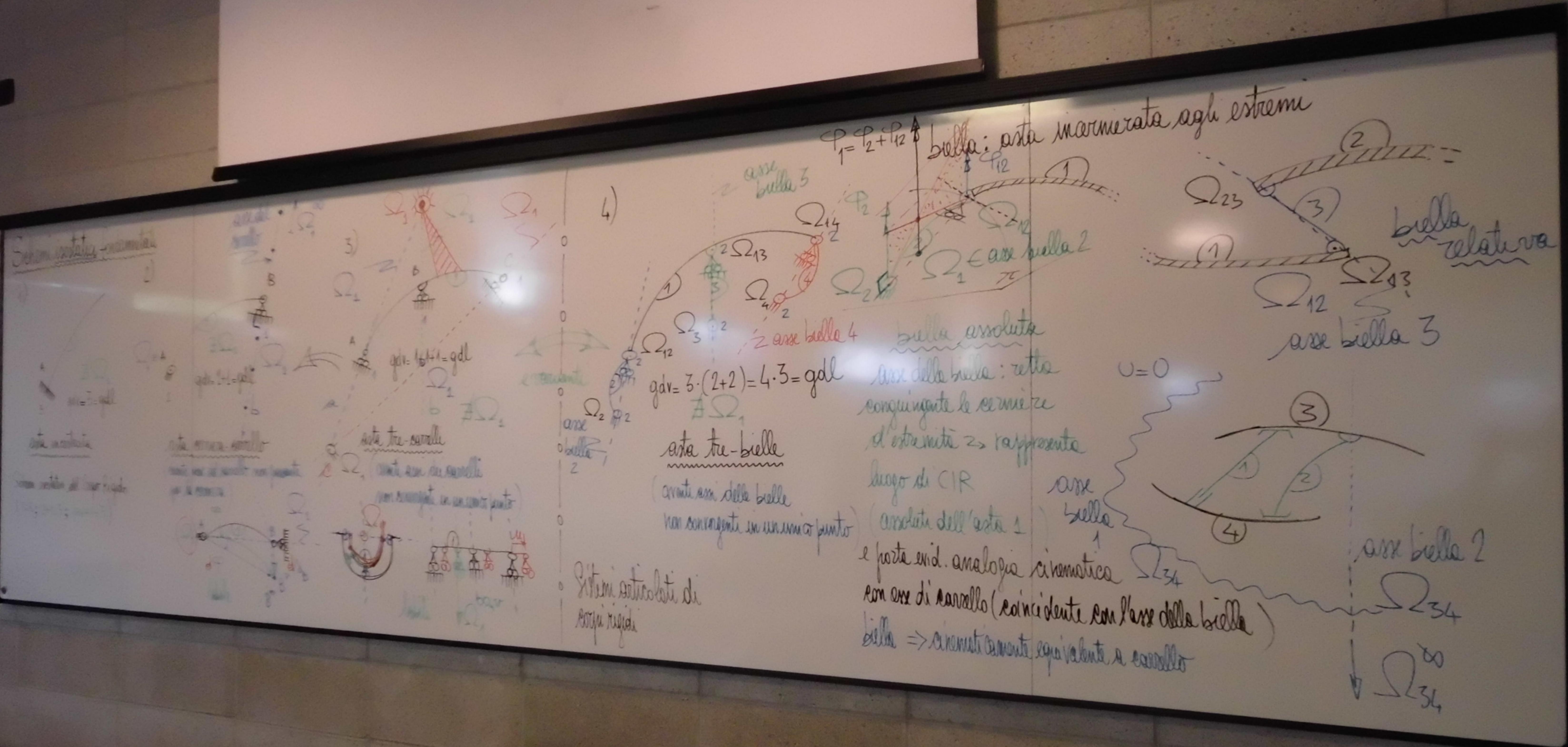


asse obelle

3

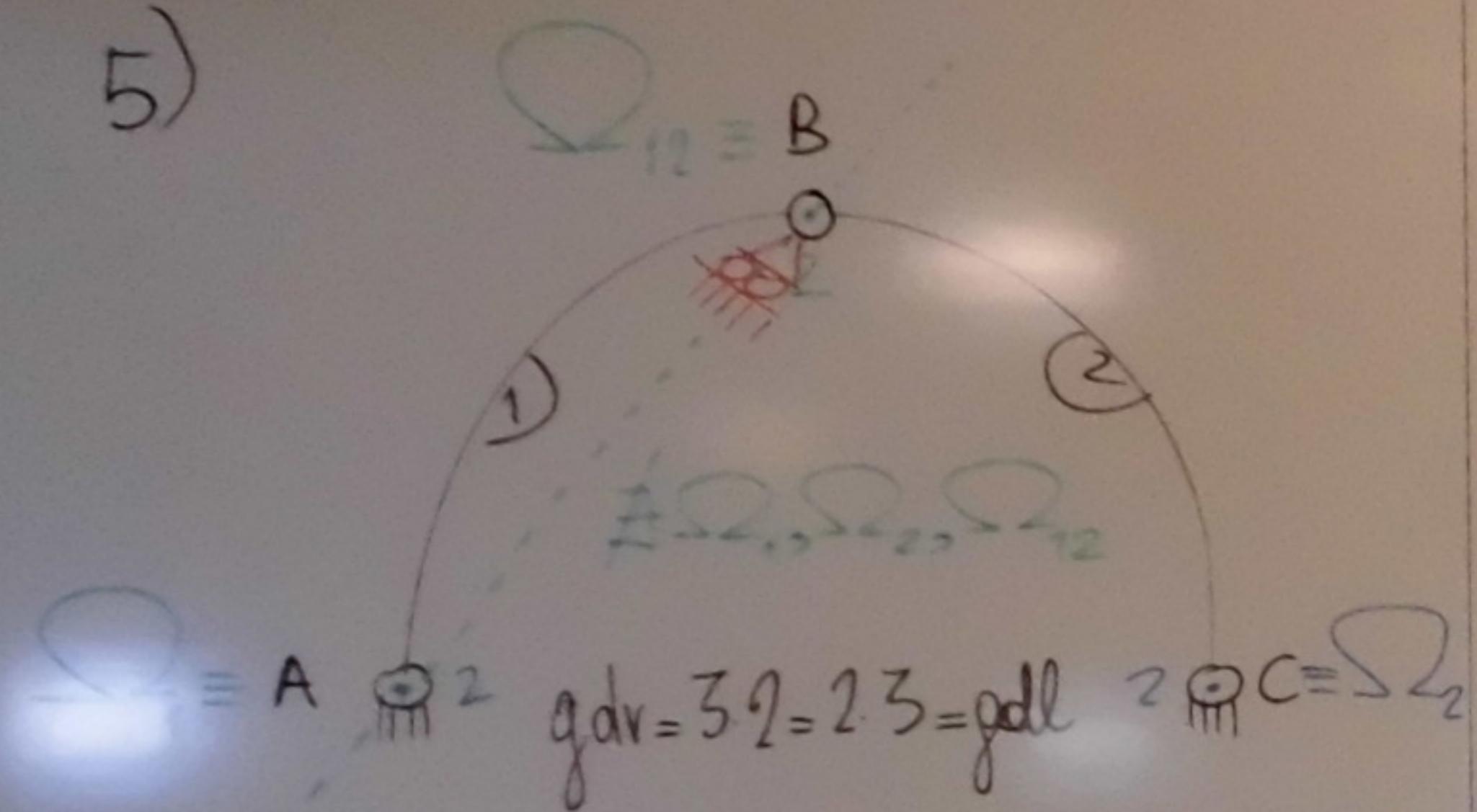
asse obelle

4

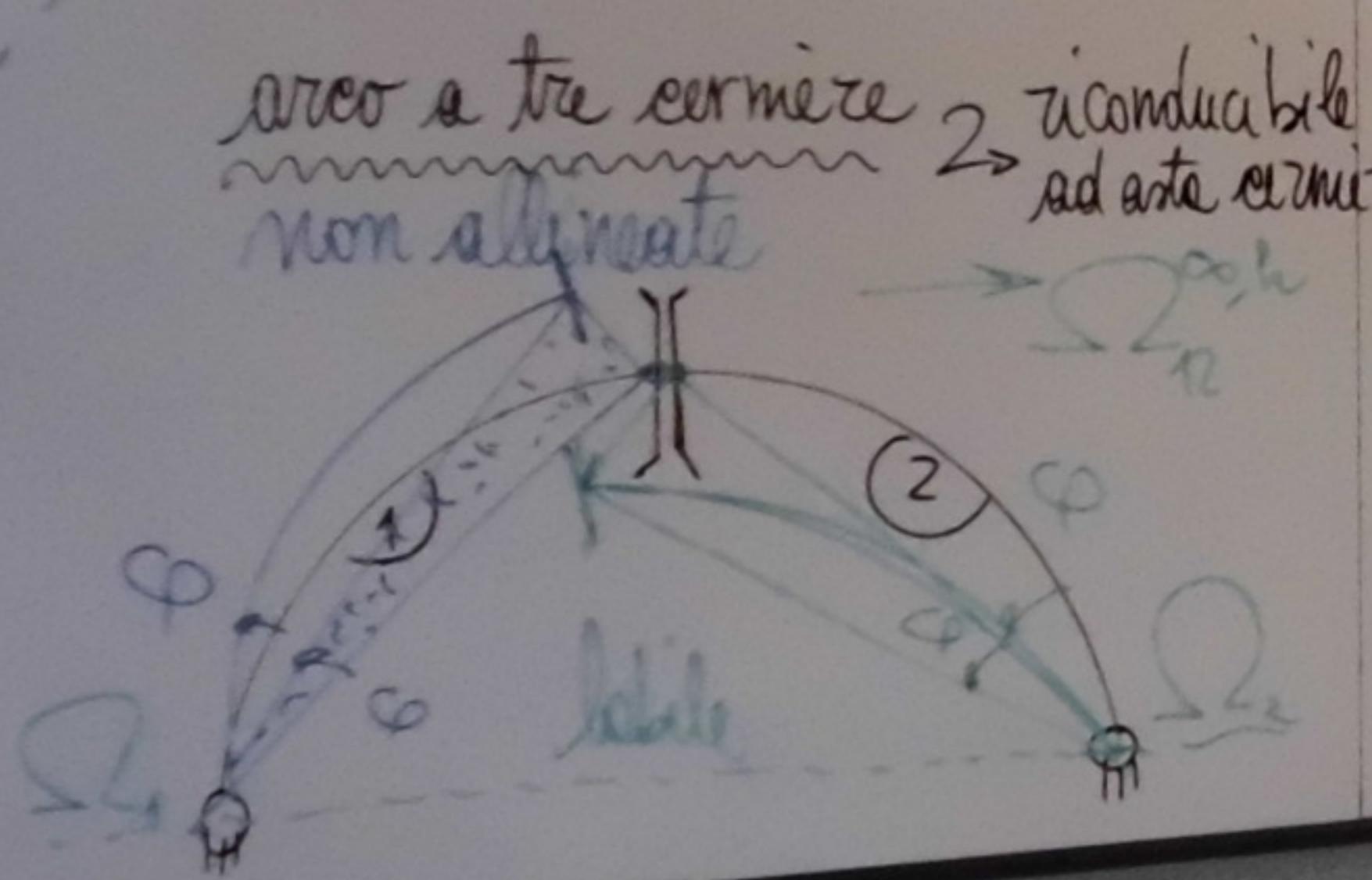


## Schemi isostatici fondamentali

5)

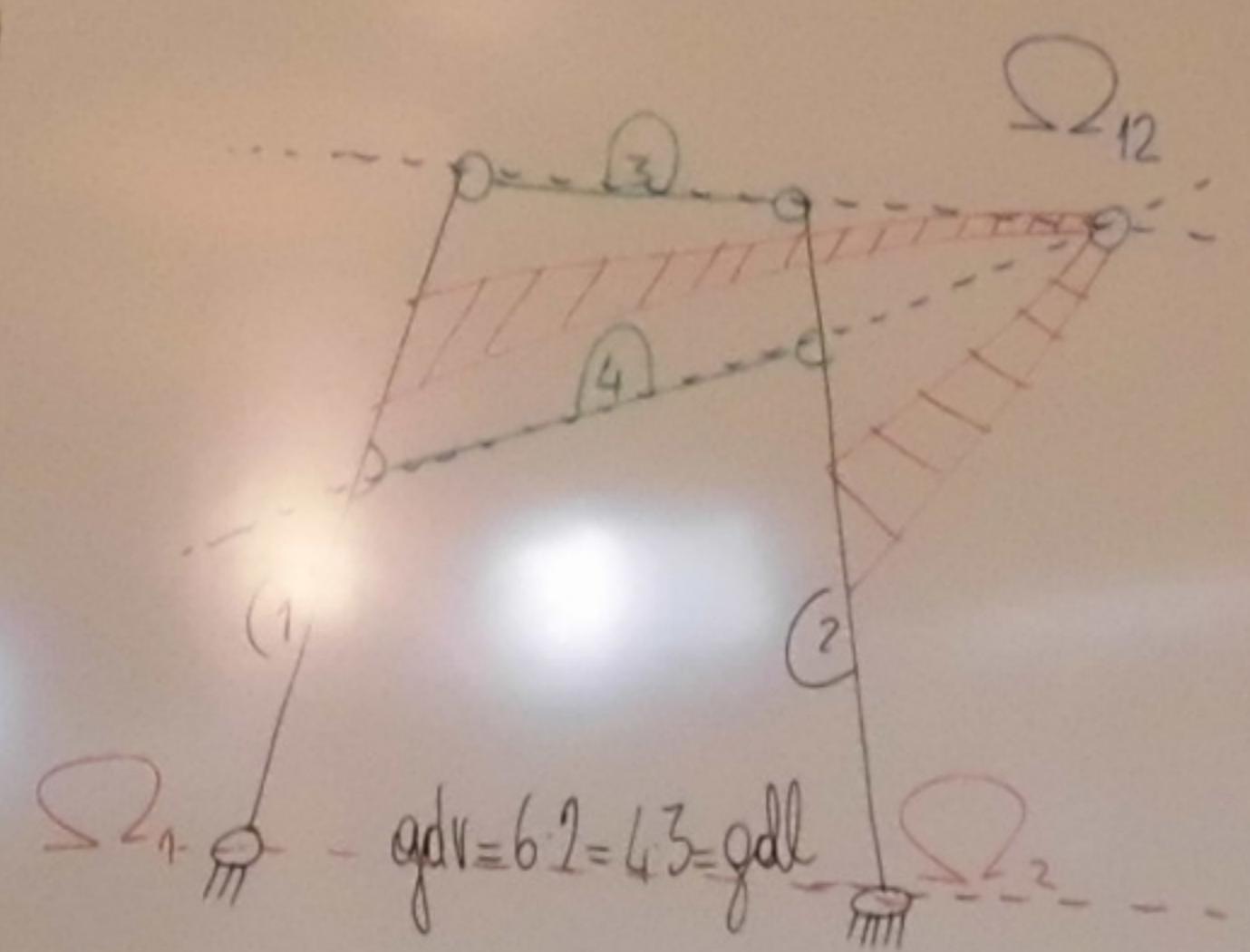


asse  
bellezza  
 $\Omega_2$

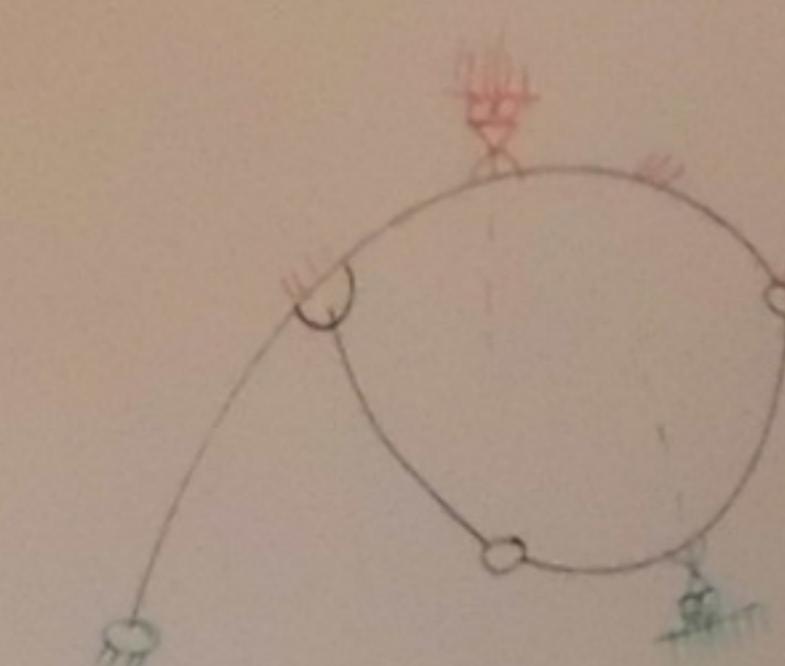


arco a tre cerriere  
non allineate

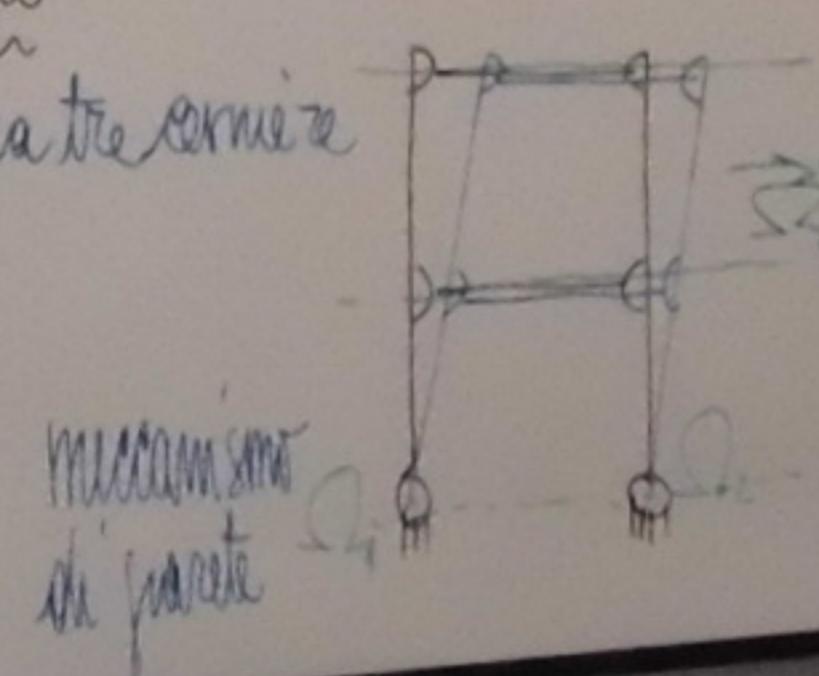
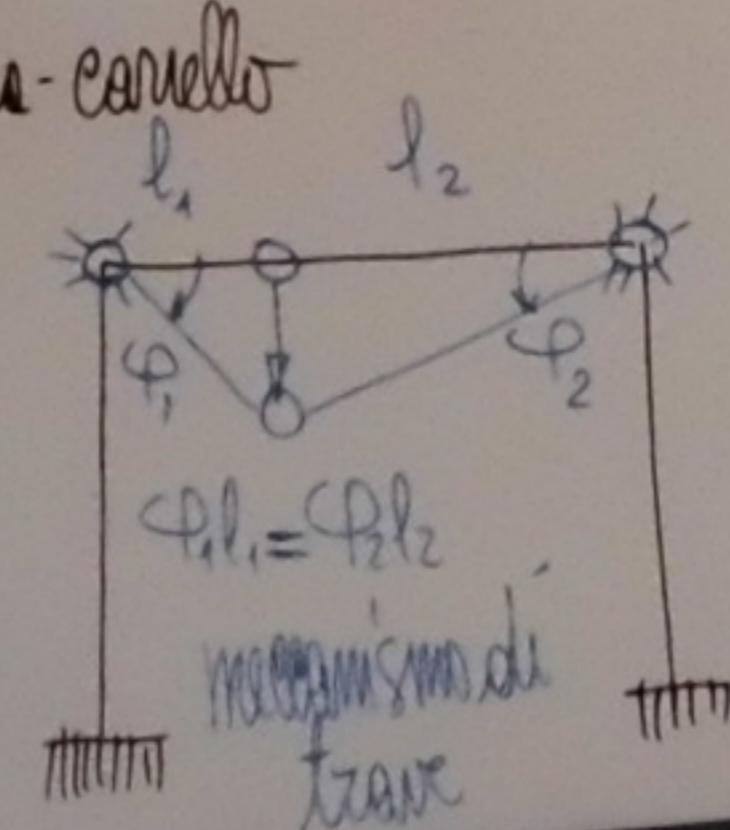
6)



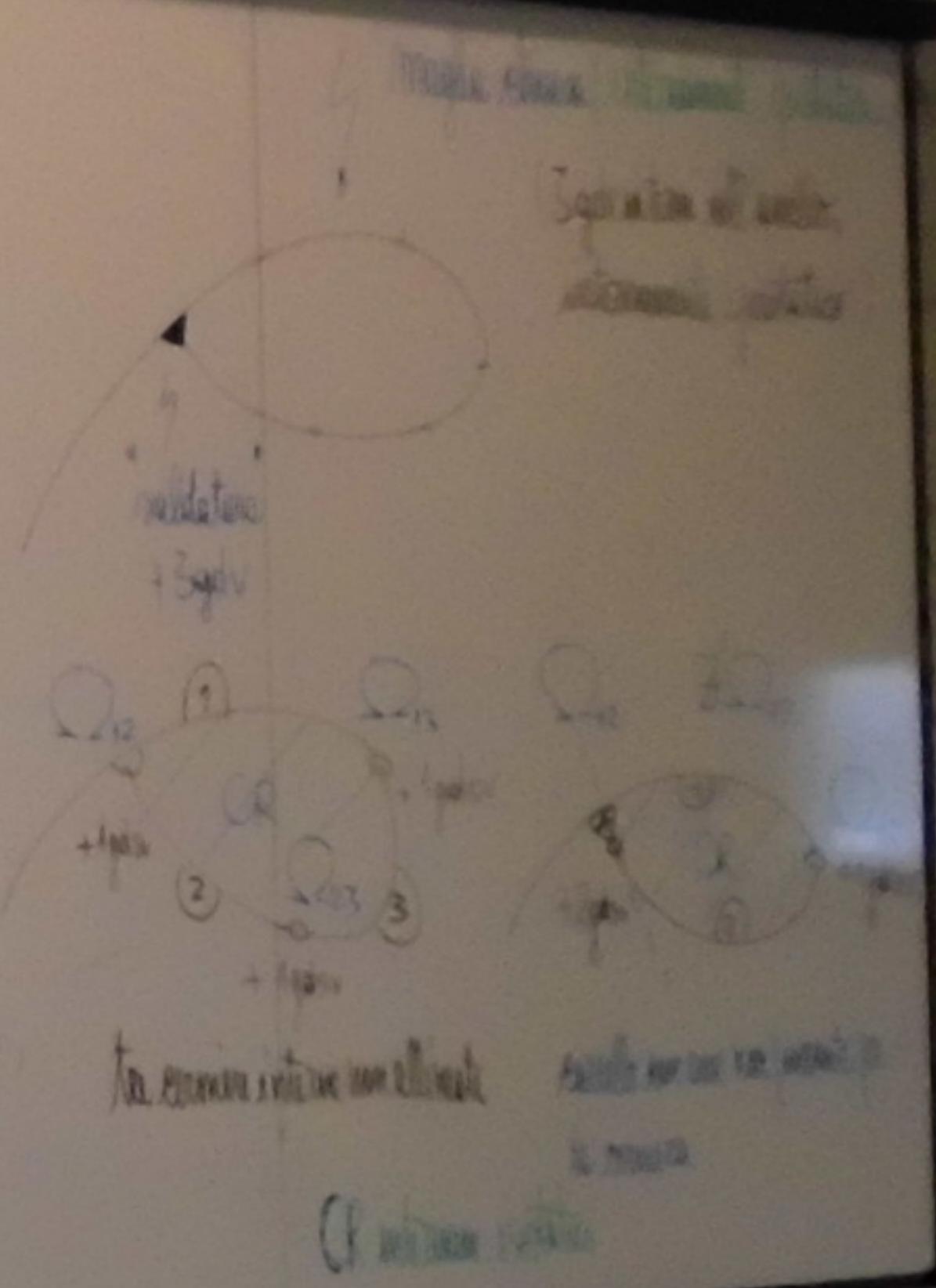
7)



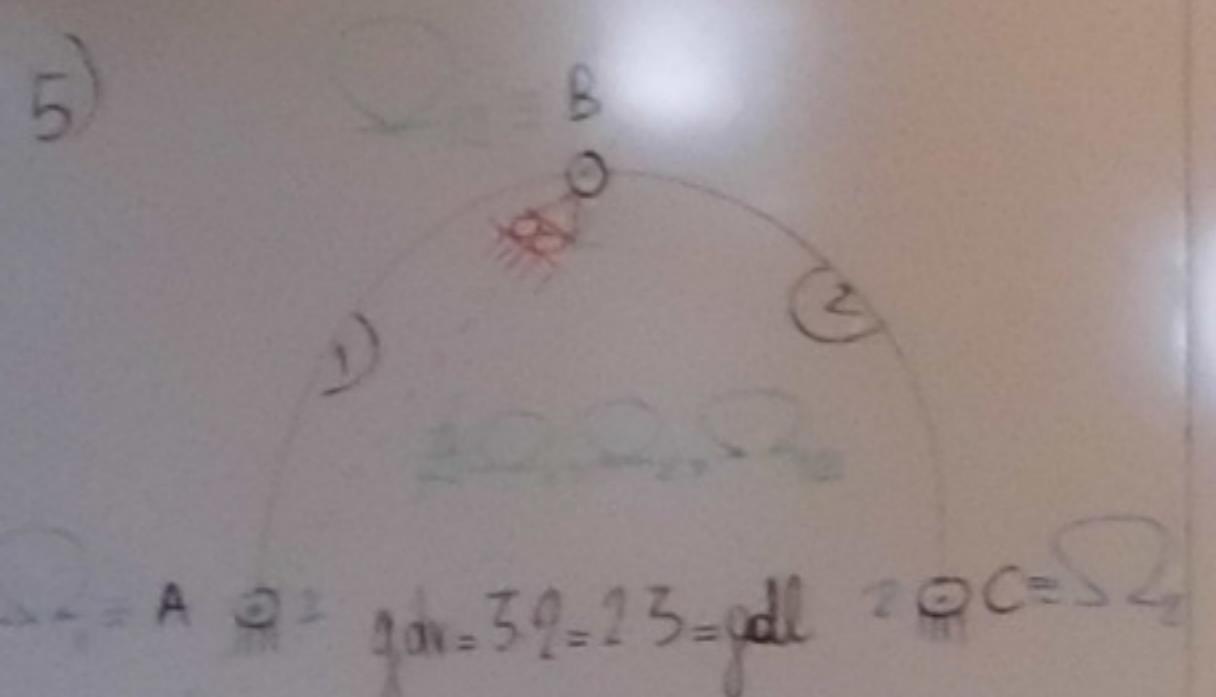
anello chiuso isostatico  
(metà attiva per una delle mediate)  
arco a tre cerriere  
non allineate



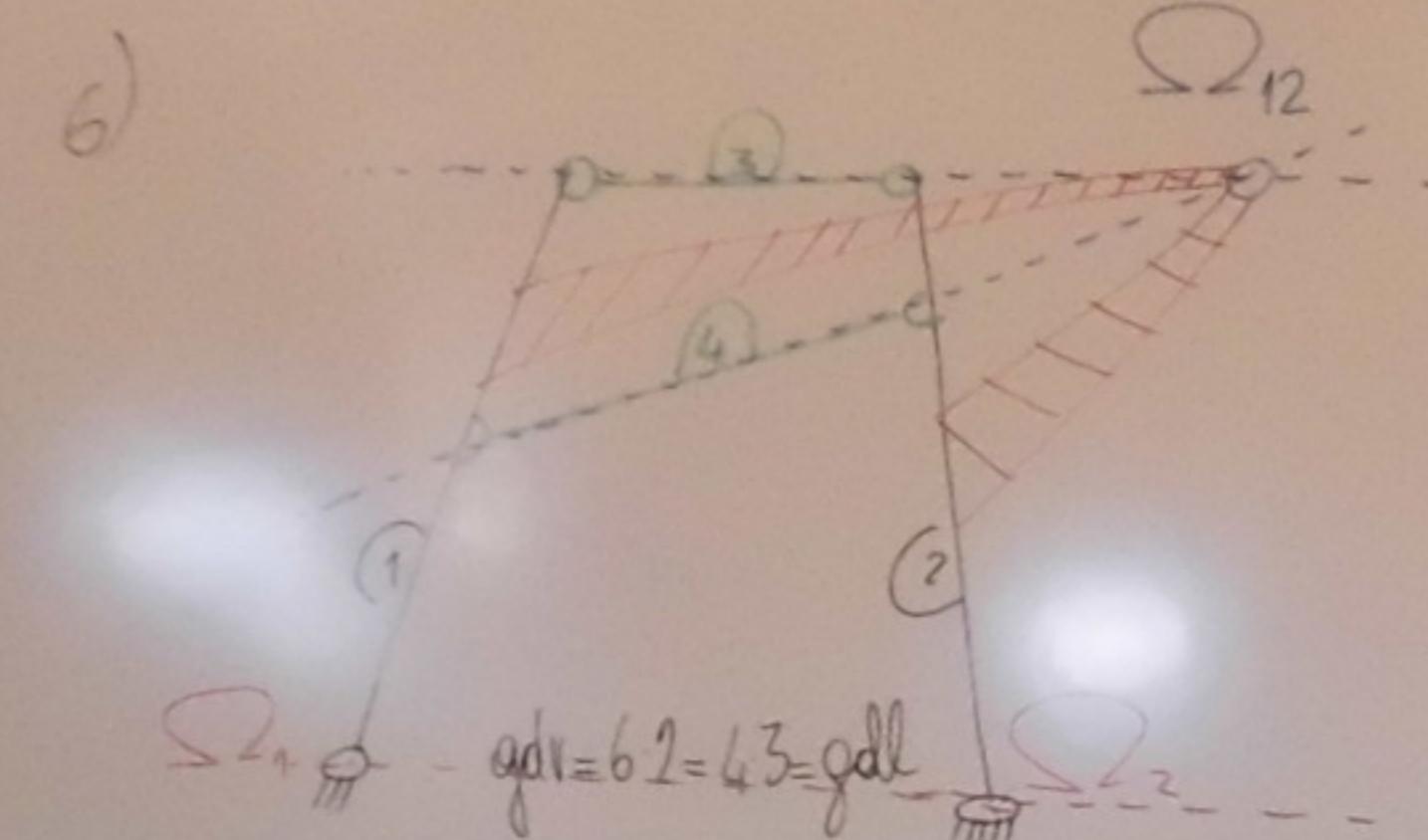
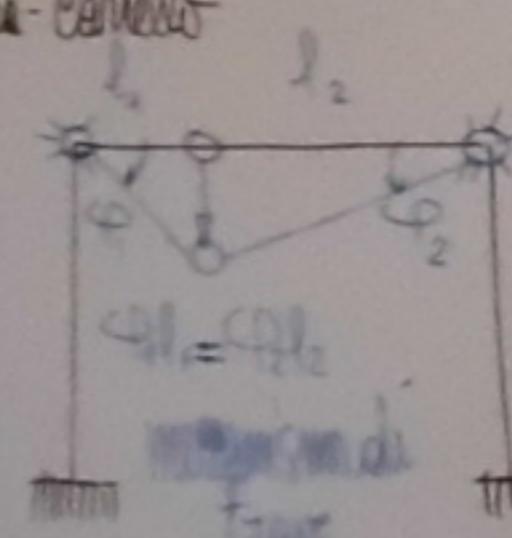
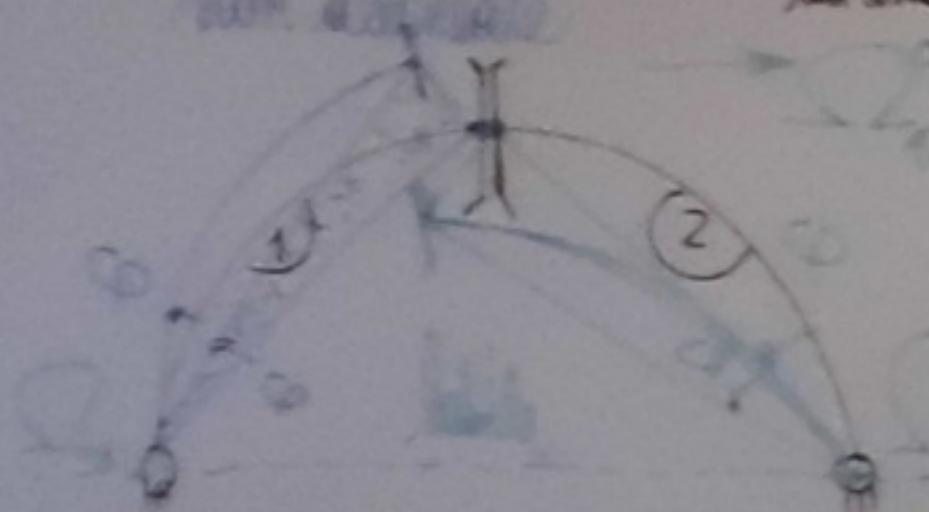
meccanismo  
di parate



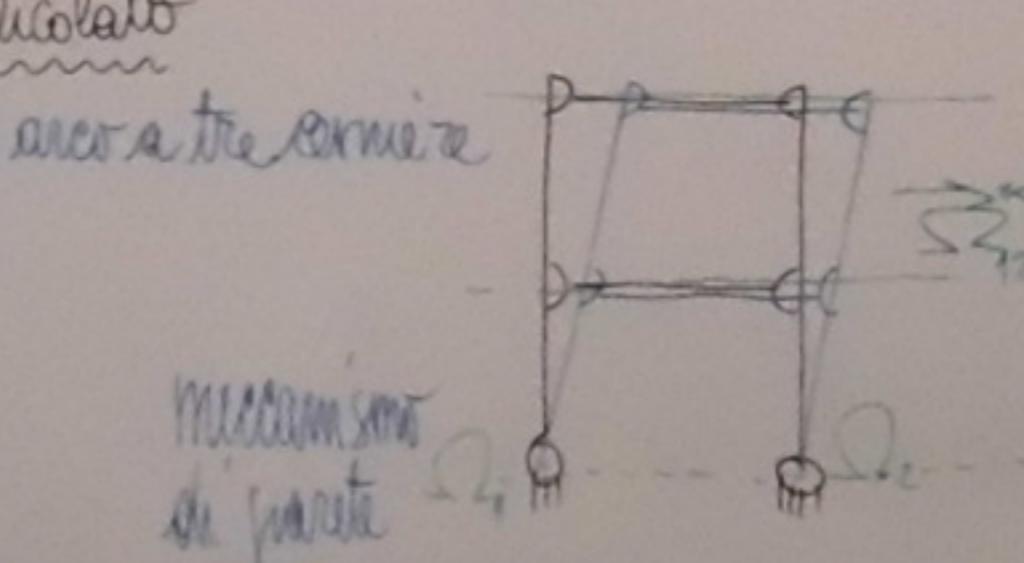
## Schemi isostatici fondamentali



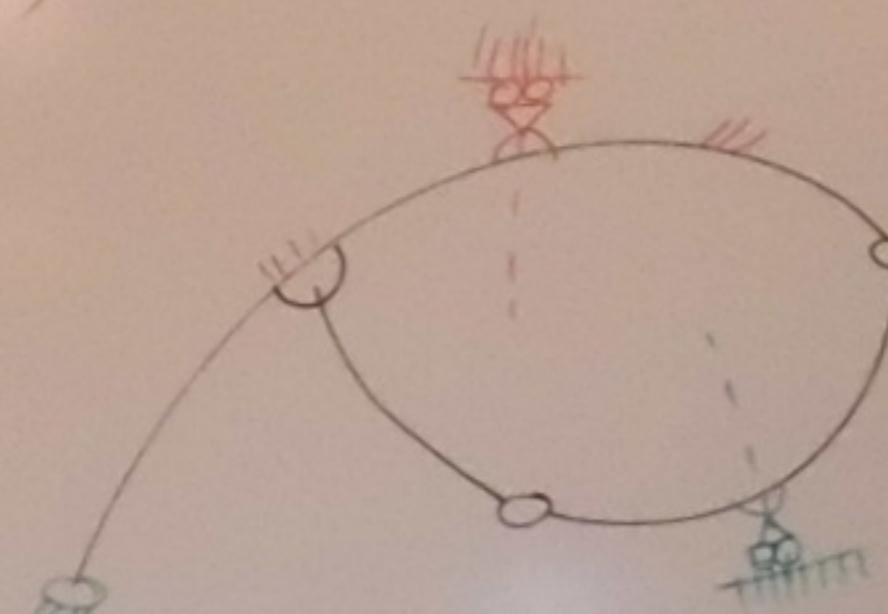
arco a tre corniere  
non ellittico  
non allineato



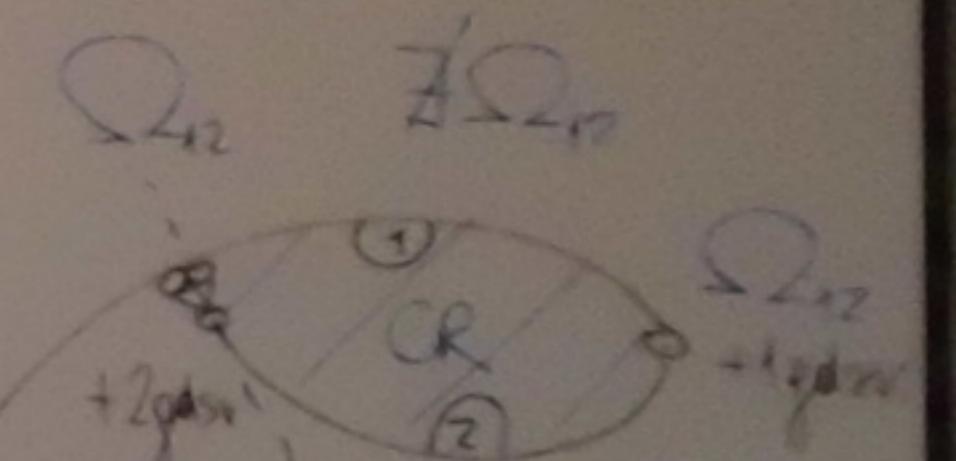
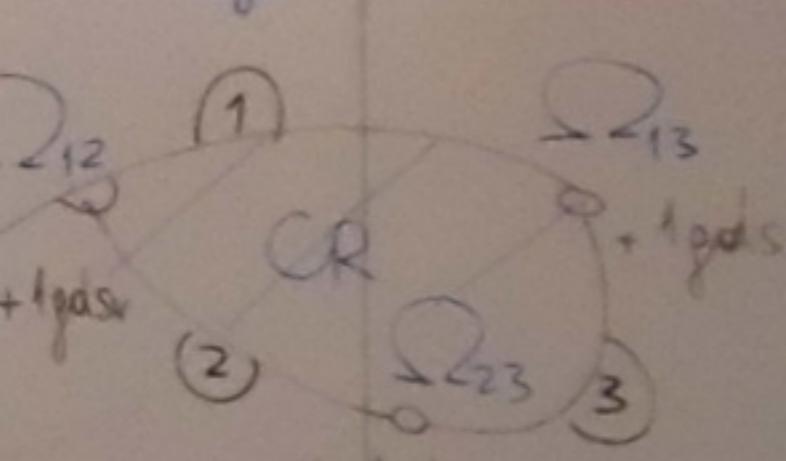
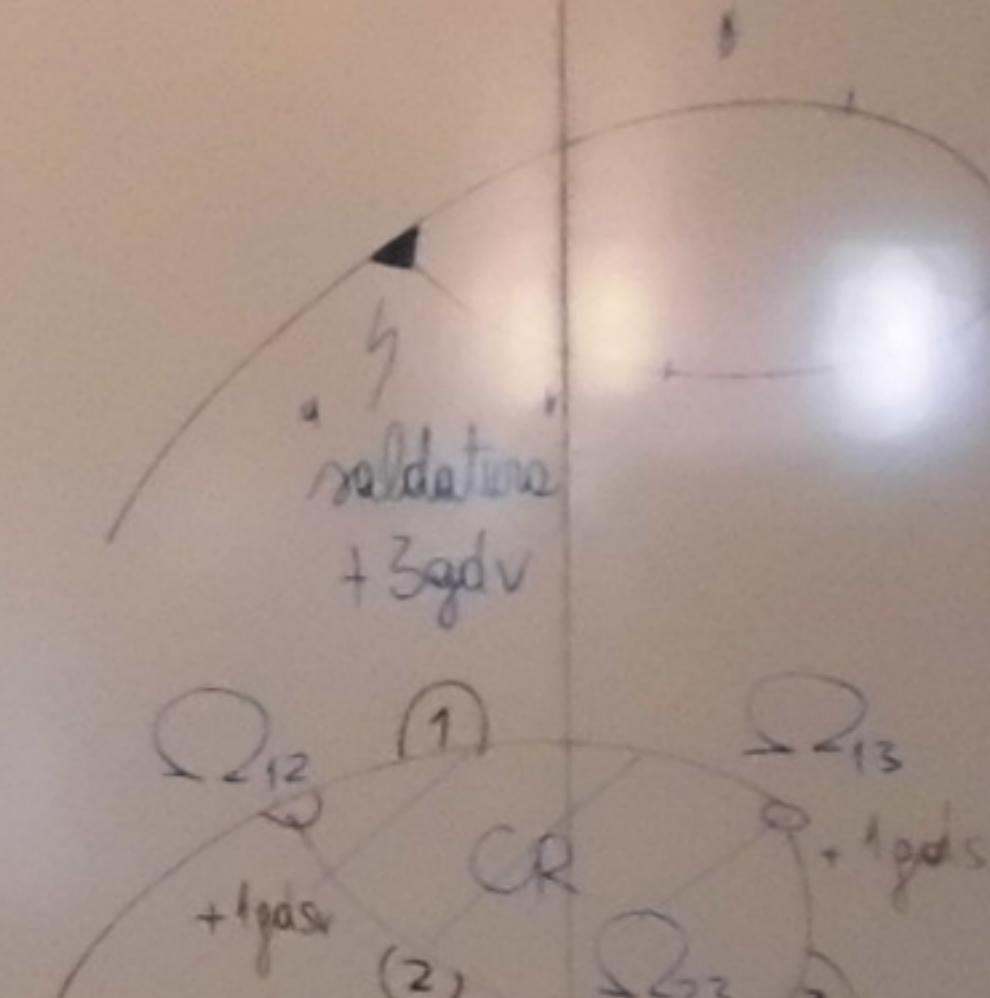
quadrilatero articolato  
(uniciniale ad arco a tre corniere  
non ellittico)



7)



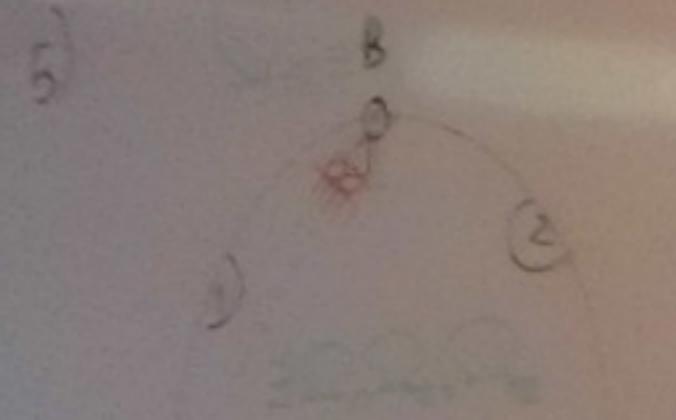
anello chiuso isostatico  
(posto a terra con una delle modalità  
di vite, seconda sequenza di montaggio,  
che fuori sospese non unisce)



Maglie chiuse interamente spostate  
3gdv intorno all'anello,  
interamente spostate

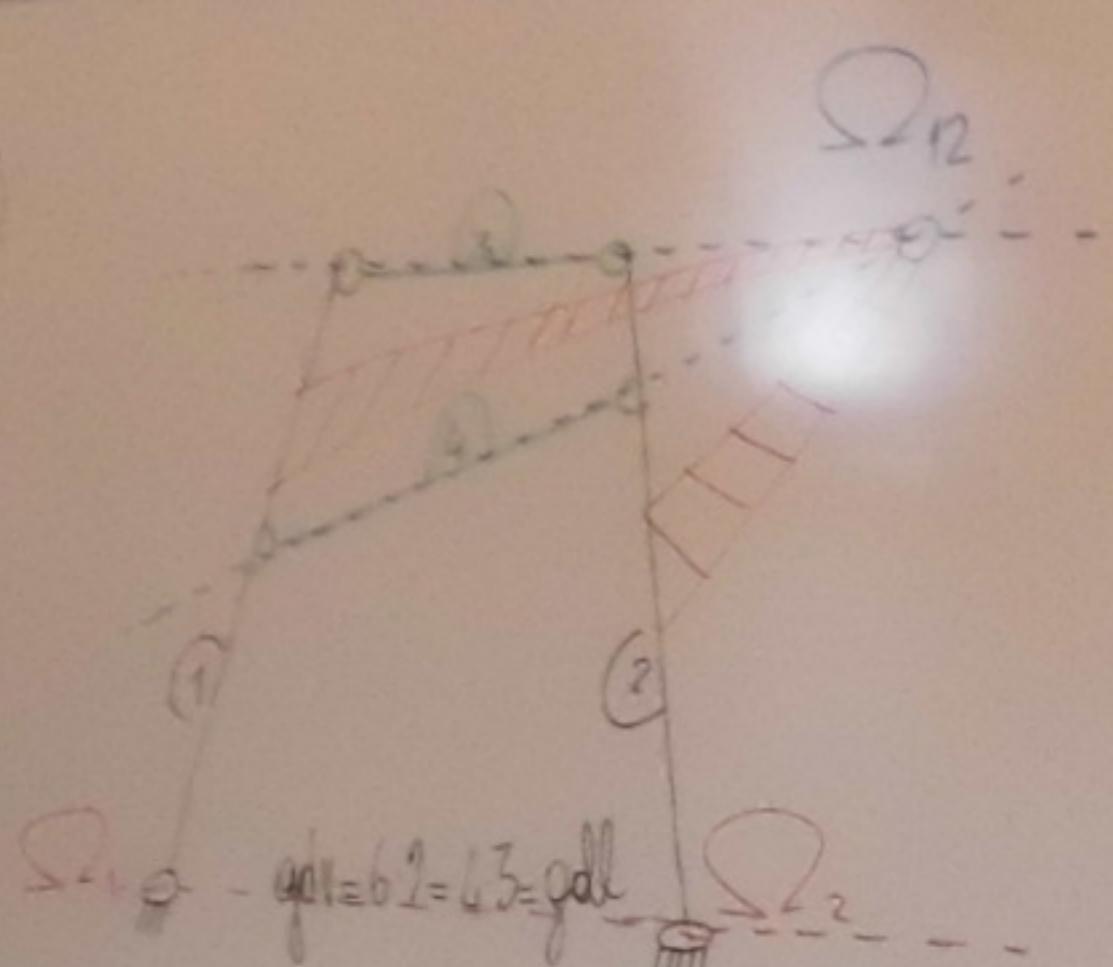
tre corniere interne non ellittiche  
(CR interno isostatico)

Senso isotatico concordato

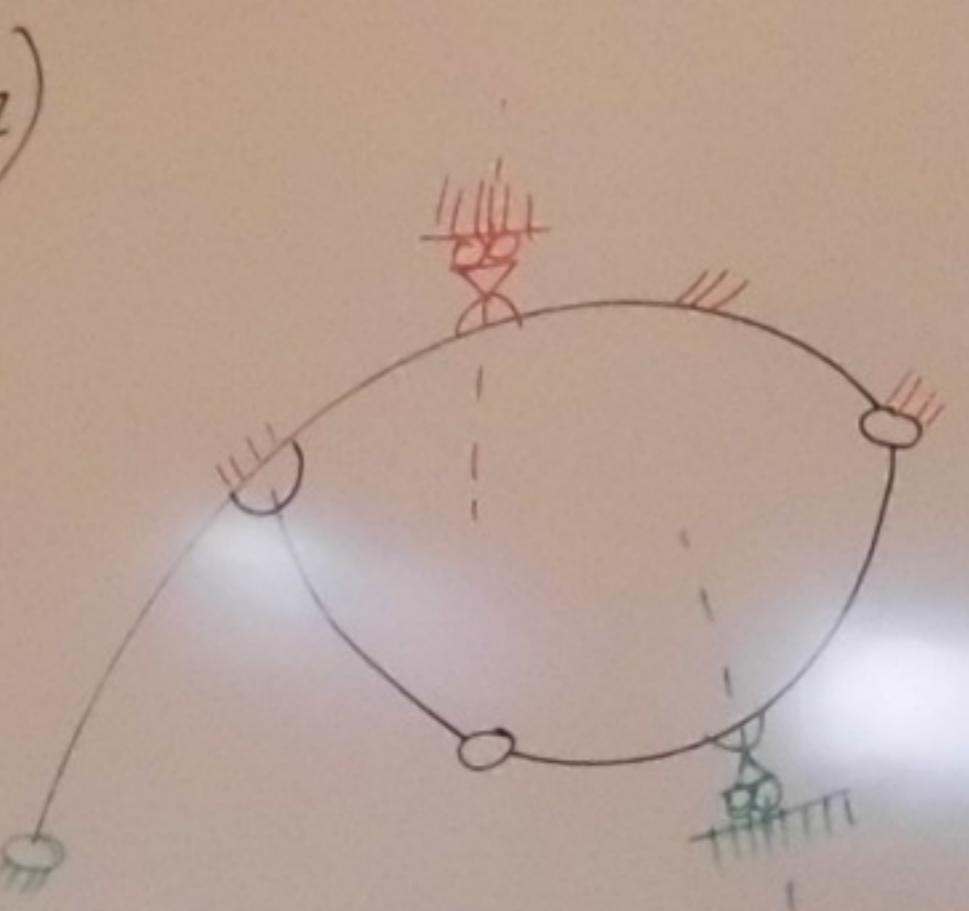
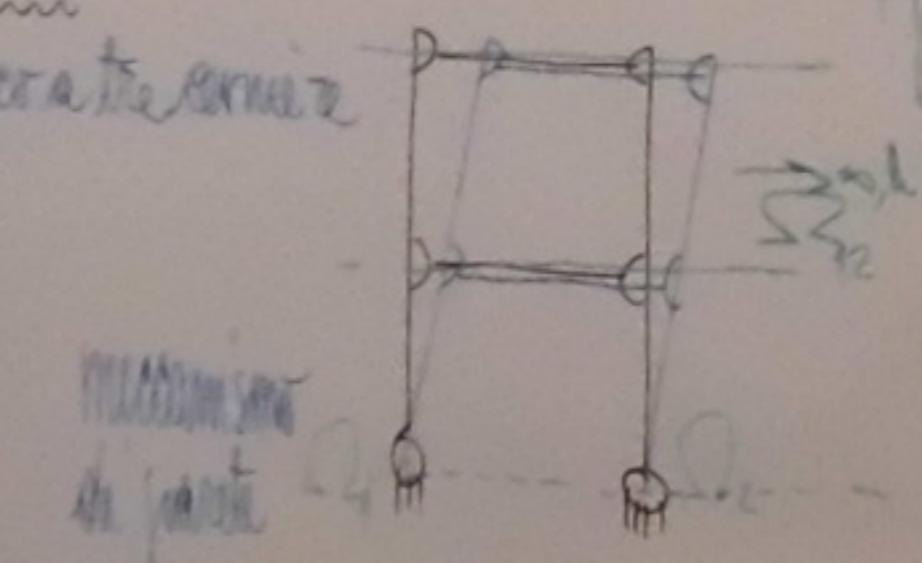


$$A = \text{phi} 59.23 - \text{phi} 100 =$$

verso le esterne 2  
verso le interne 1



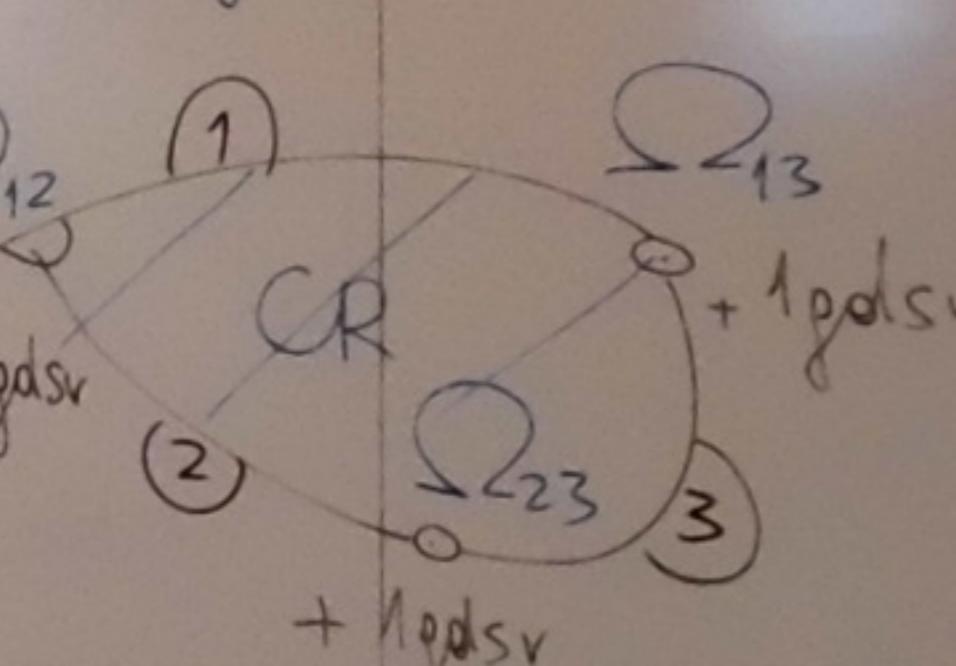
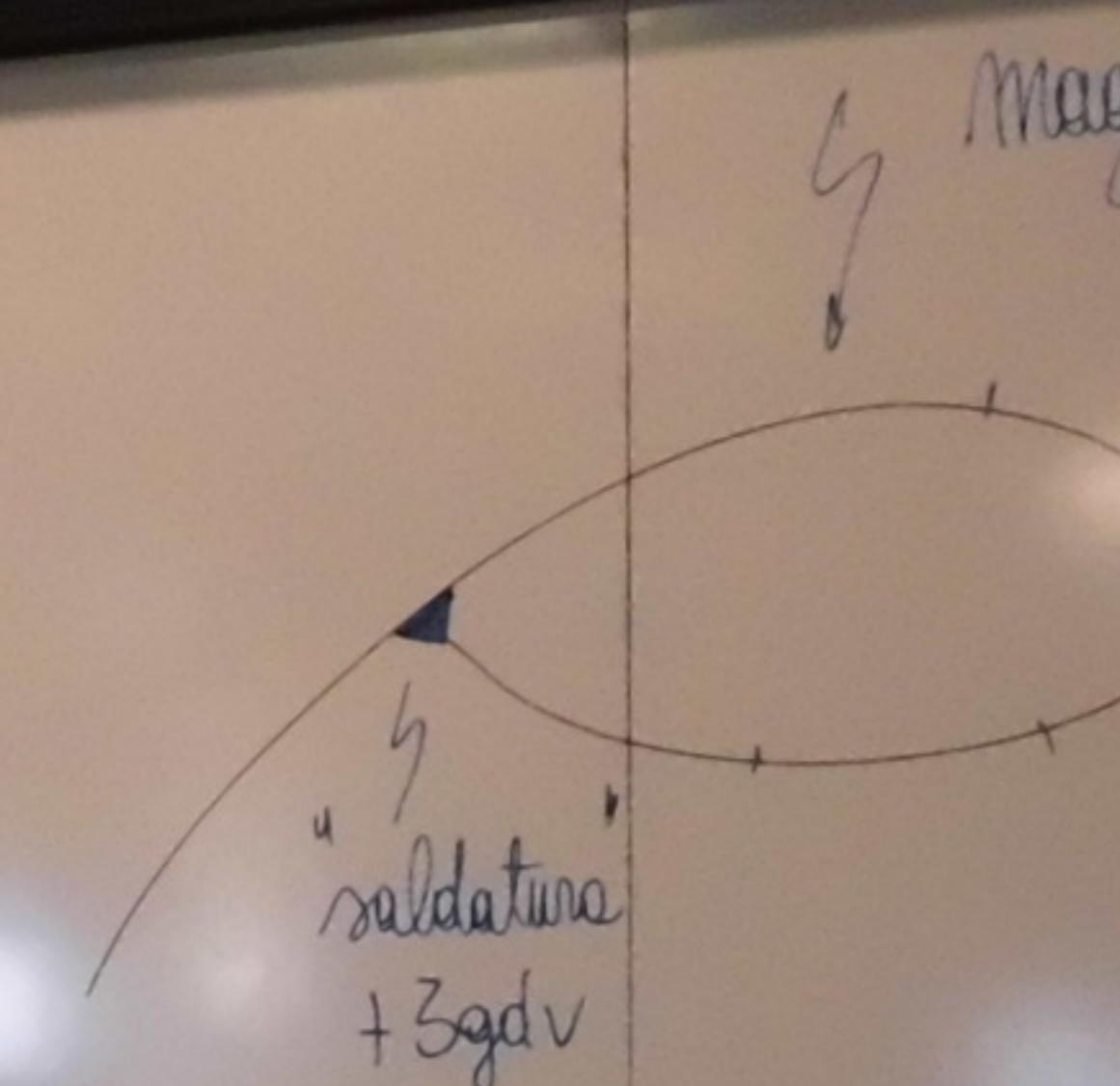
quadilatero articolato  
verso le esterne 2  
verso le interne 1



anello chiuso isotatico

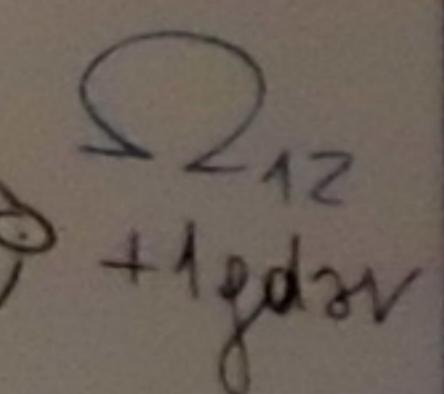
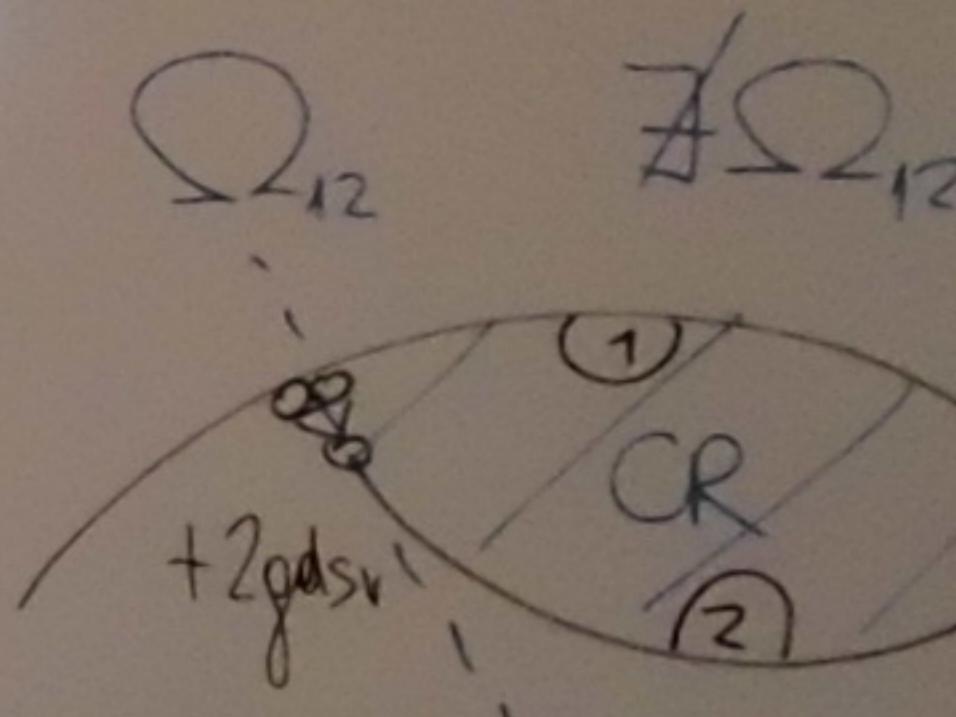
(verso le esterne sono una delle modalità)

vite, secondo sequenza di montaggio,  
che fuori insieme non funziona)



tra corniere interne non allineate

CR internam isotatico



carrello con asse non fissante per  
le cerniere

Maglia chiusa internamente iperstatica  
(3gdv interni all'anello;  
internamente iperstatico)