

UNIVERSIDAD NACIONAL DE CUYO  
FACULTAD DE INGENIERIA

# HORMIGON II

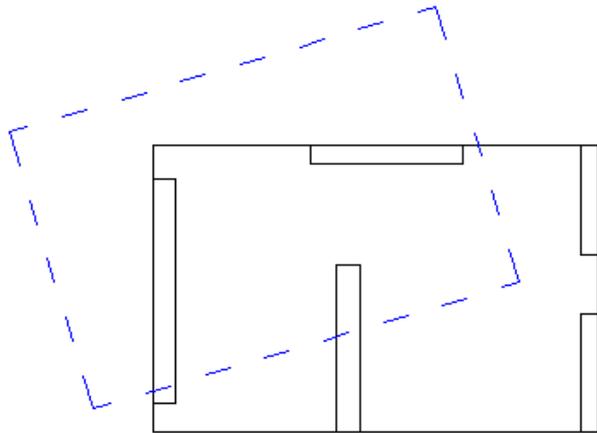
CONSTRUCCIONES DE  
MAMPOSTERÍA CON  
DIAFRAGMAS FLEXIBLES

2023

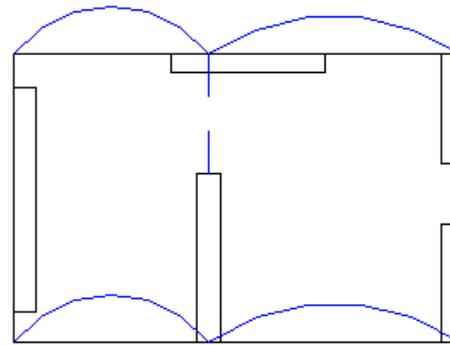
Dr. Ing. Gonzalo Torrisi

# Introducción

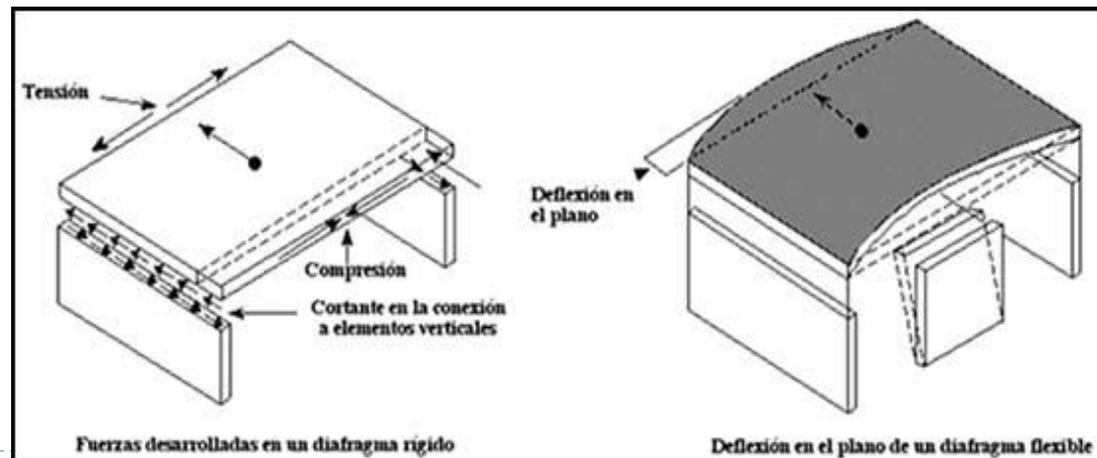
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(a)



(b)

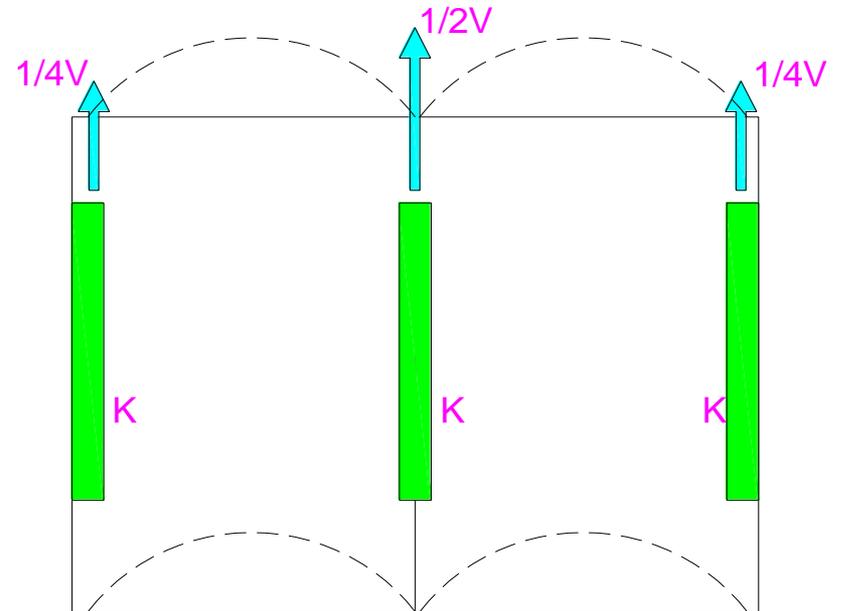
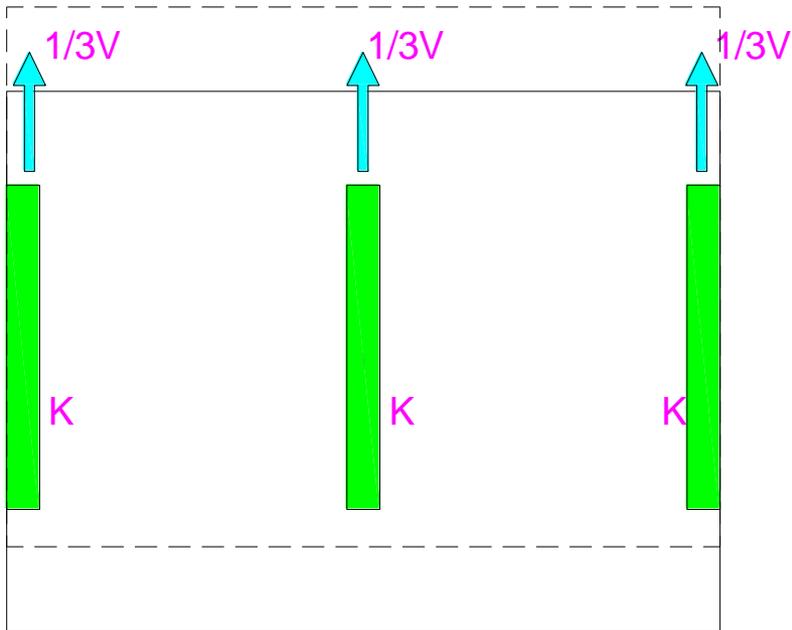


Fuerzas desarrolladas en un diafragma rígido

Deflexión en el plano de un diafragma flexible

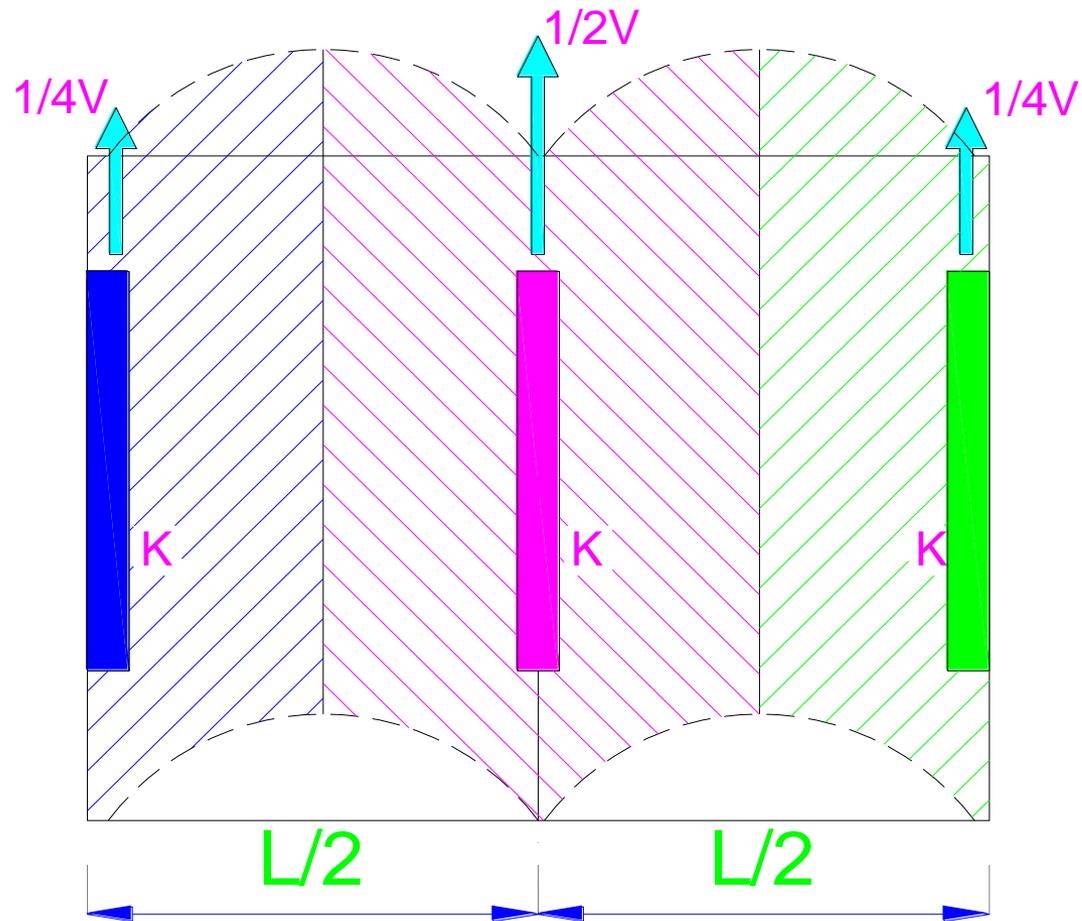
# Introducción

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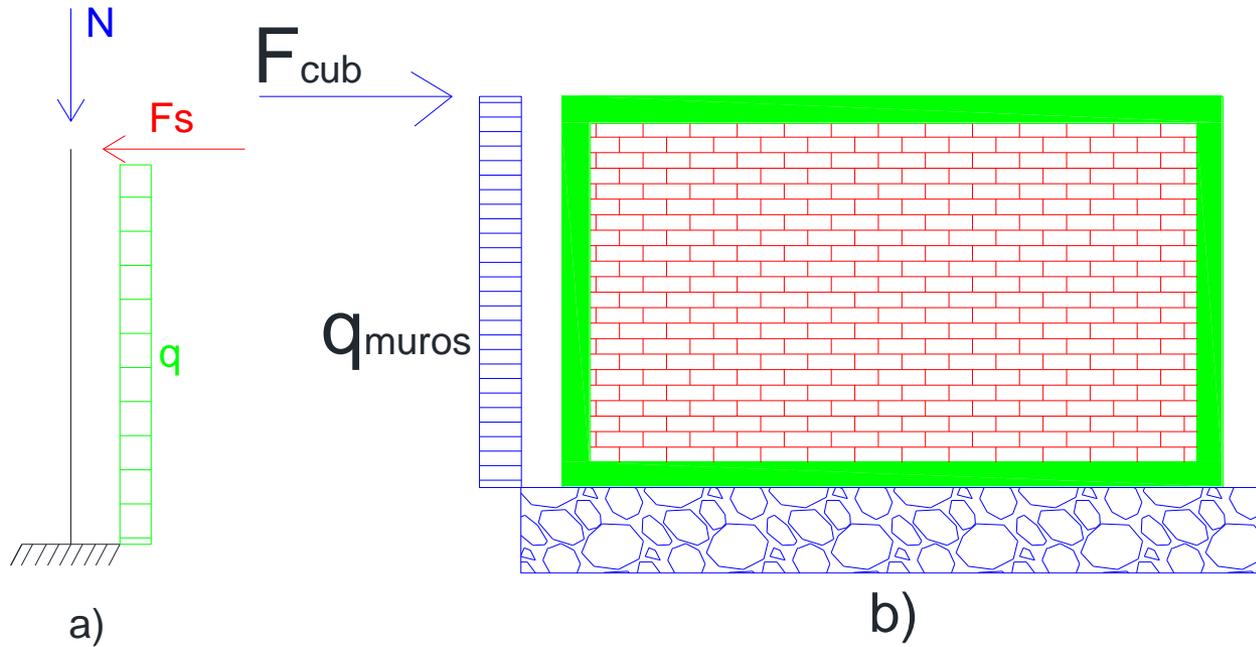
# Introducción

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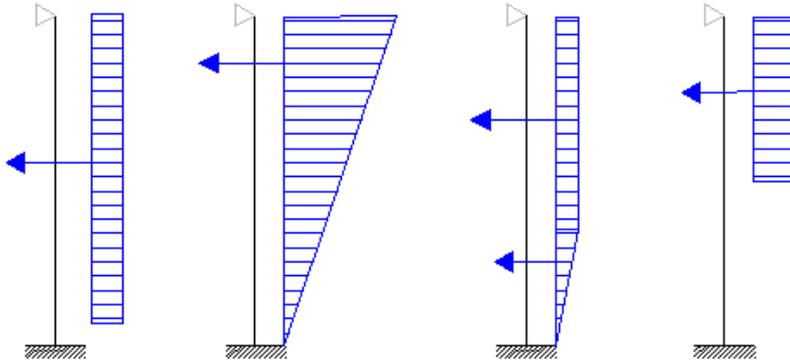
# Modelo de calculo

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# Modelo de calculo

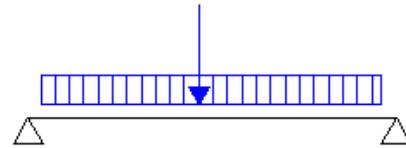
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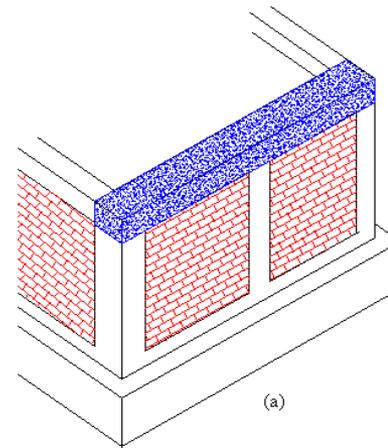
(a)

(b)

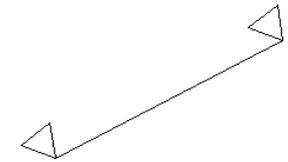
(c)



(d)



(a)

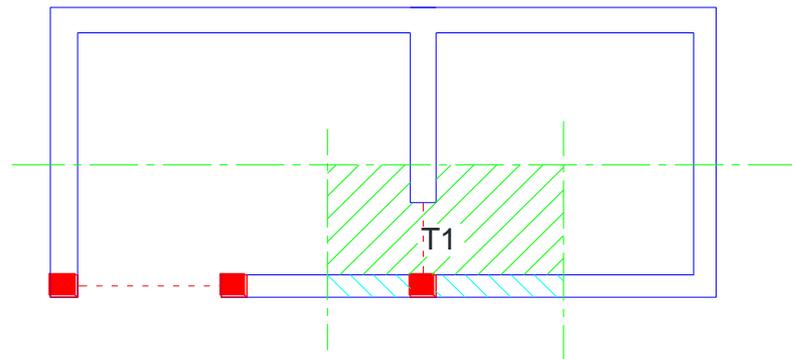
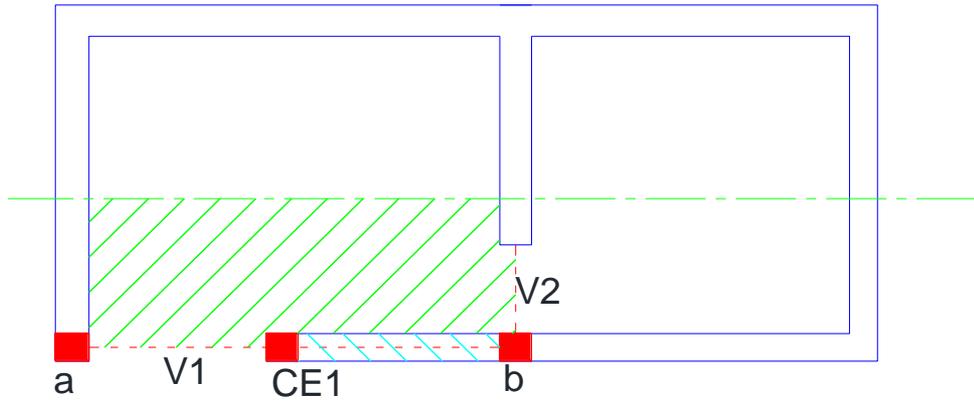


(b)

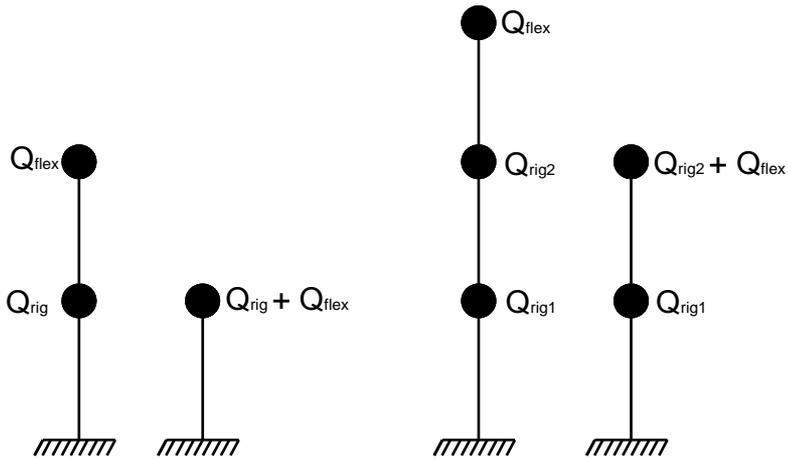


# Modelo de calculo

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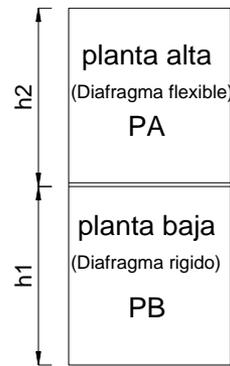


# Modelo de calculo

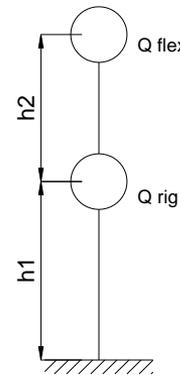


$$a_{pa} = \frac{F_2}{Q_{flex}}$$

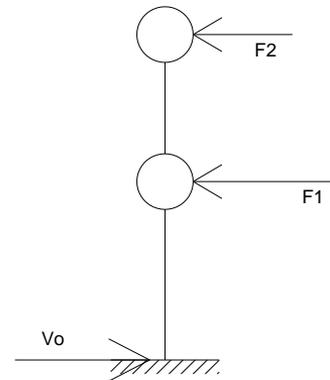
$$c_{pa} = \frac{a_{pa}}{R_{pa}} R_{pb}$$



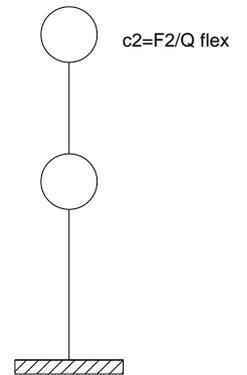
a)



b)



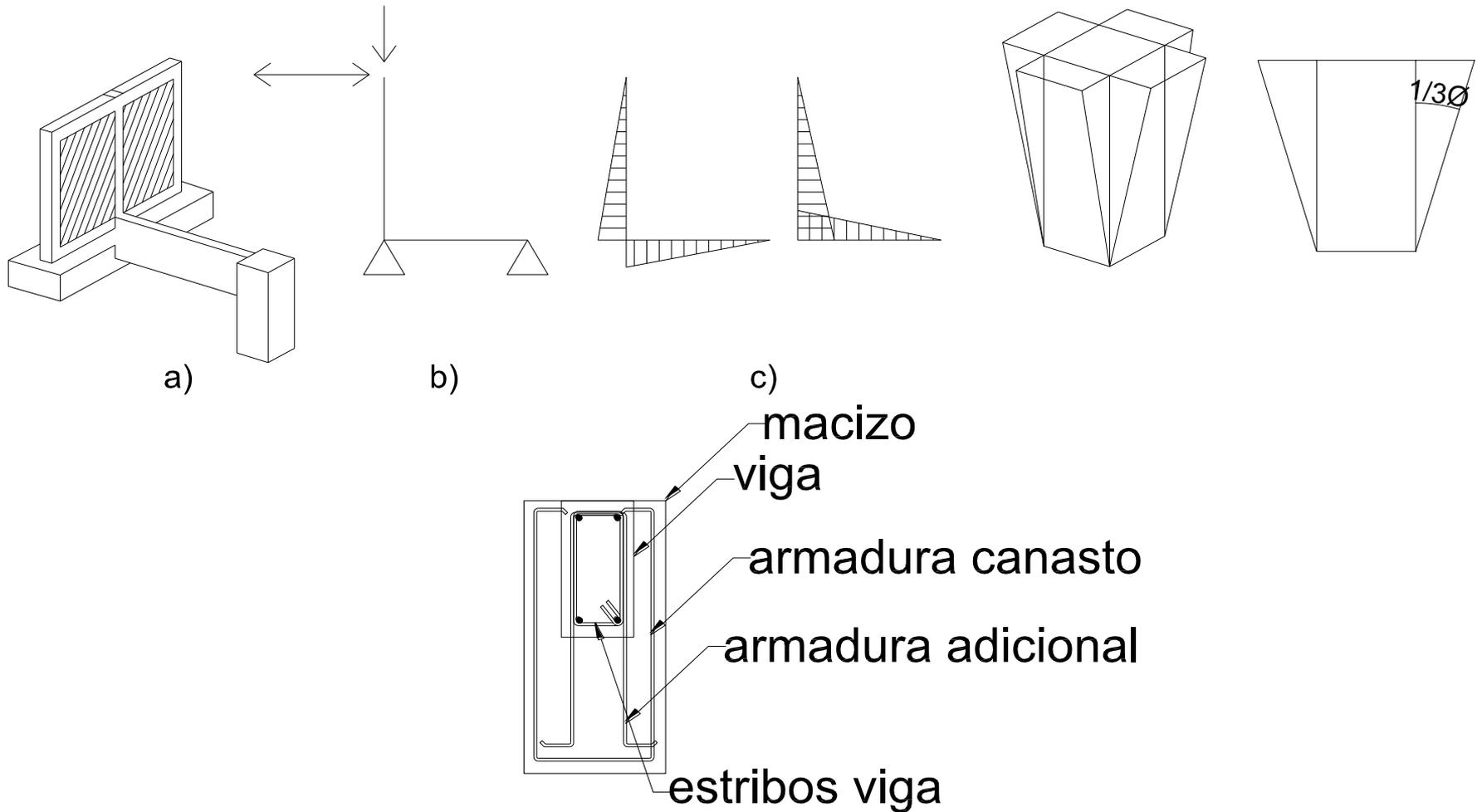
c)



d)

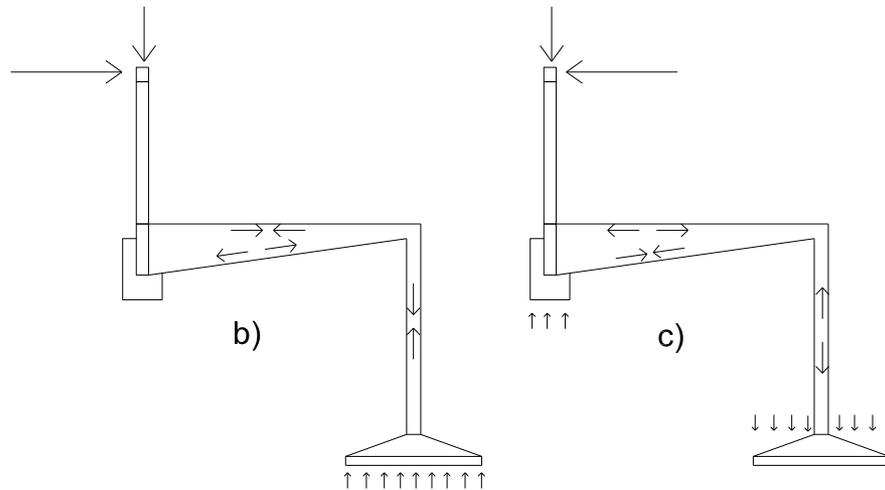
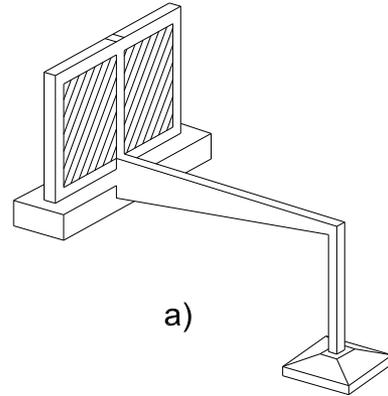


# Fundaciones de columnas en voladizo

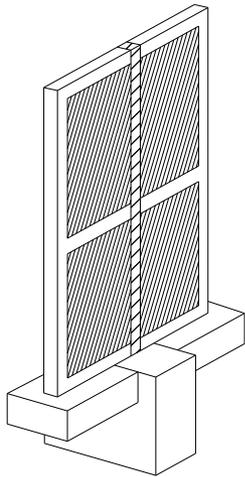


# Fundaciones de columnas en voladizo

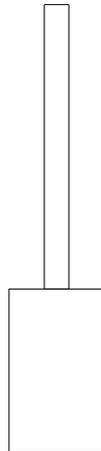
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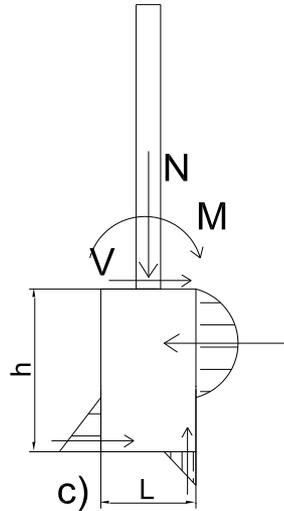
# Fundaciones de columnas en voladizo



a)



b)



c)

