

## القسم الأول

### الجمل الإنشائية و طريقة عوامل عدم الإستقرار

- 1

100

6

"

"

:

[1]

[2]

[4]

(

[3]

)

[5]

(

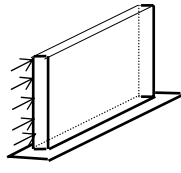
(

-

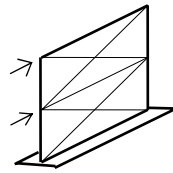
-

)

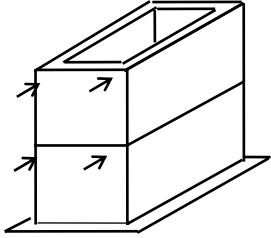
[6]



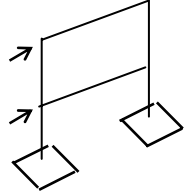
[ 1 ] الشكل



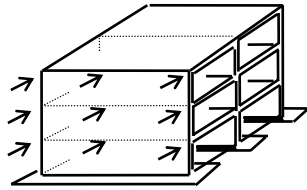
[ 2 ] الشكل



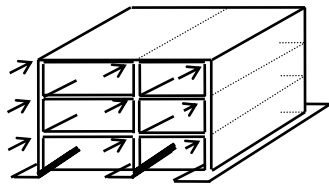
[ 3 ] الشكل



[ 4 ] الشكل



[ 5 ] الشكل



[ 6 ] الشكل



( )

)

( )

( ...

)

( )

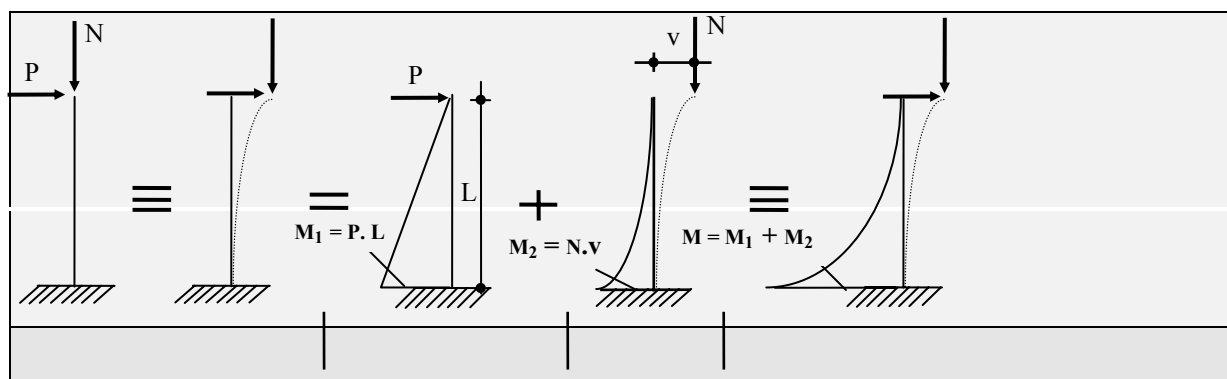
(

. Visual Basic 6

- 2

-1-2

. [ 7 ]



[ 7 ]

( )

-2-2

( )

[8]

:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

) ( + ) (

[8]

( )

[9]

: [9]

Y, X

j

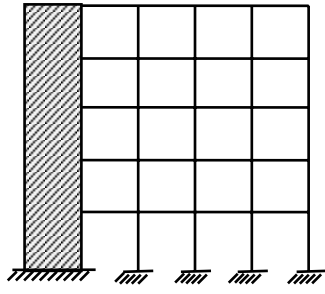
k

(j) s, j

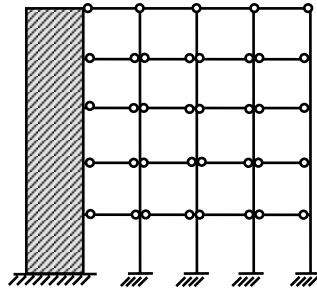
(j) m, j

S

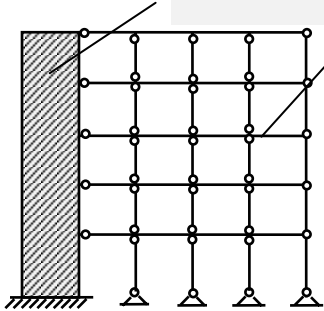
M



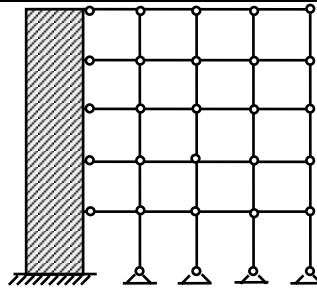
[1-10]



[2-10]



[3-10]



[4-10]

[8]

$y, x$

$p_x \quad p_y$

$e_y, e_x$

$m_z$

[12] ( z )

$B_{tot}, L_{tot}$

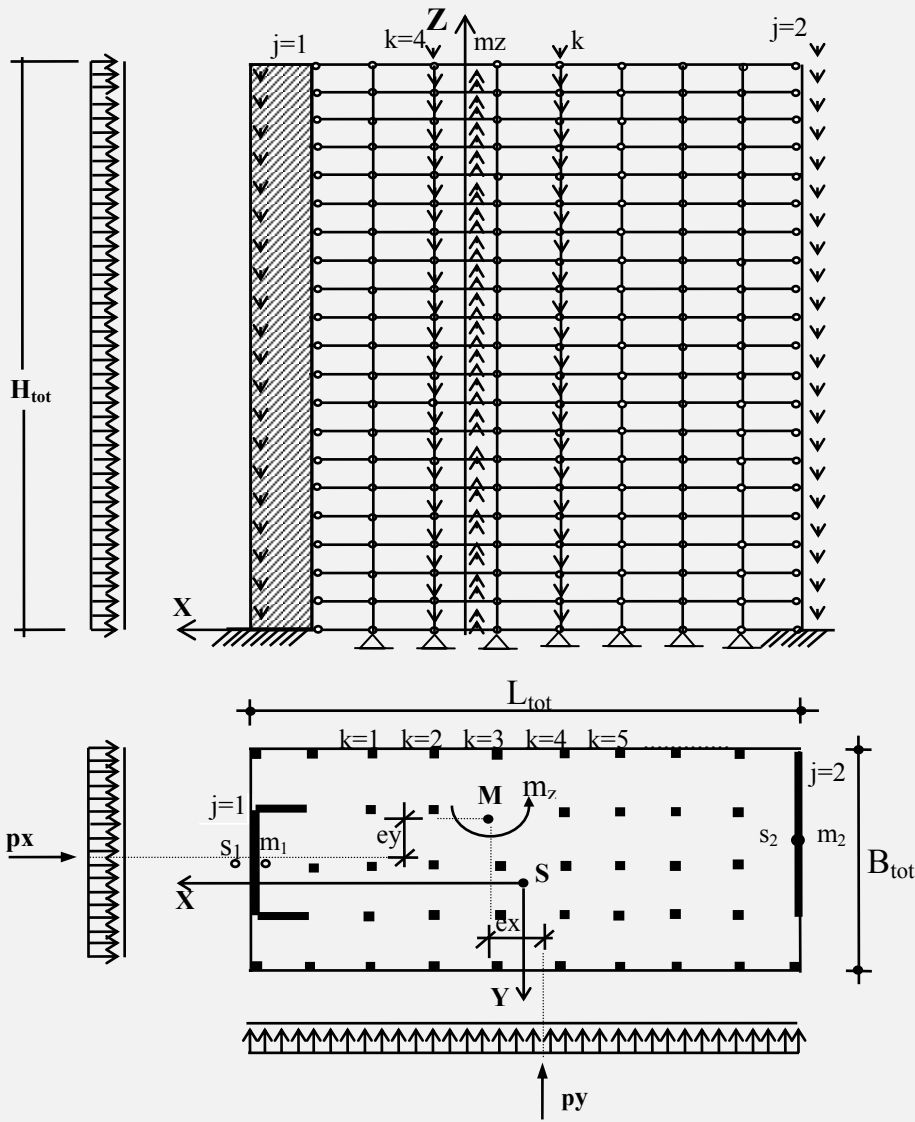
$n$

$h$

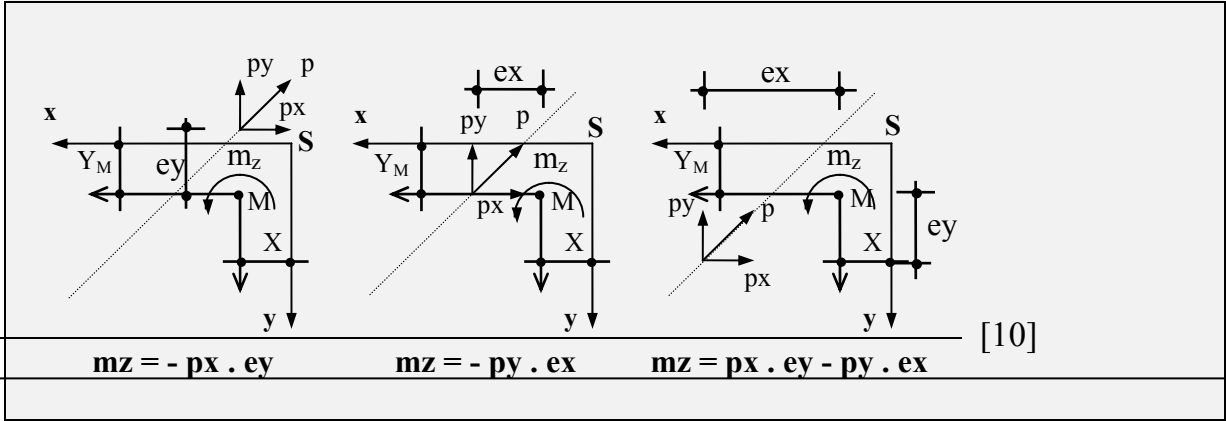
:

$H_{tot}$

$H_{tot} = (n + 0.5) \cdot h$



[ 9 ]



:

	- 1
. ( )	- 2
" "	
( )	
( )	
" "	