### CAMPONIE

	[daN]
PONTOTA LETTA	3000
PESSO BOZZEUS	400
CPLICO DI SEILVITLO	3100

# Peso confessale connèue 200

# 1 - FORZE DI INERZIA VENTICALI

$$\Psi = 1 + 3$$
  $\omega = 0.6$   $V_{S} = 2.5$  m/s

SCOMMENTO CAMPELLO

CONDIZIONE DI CANICO I

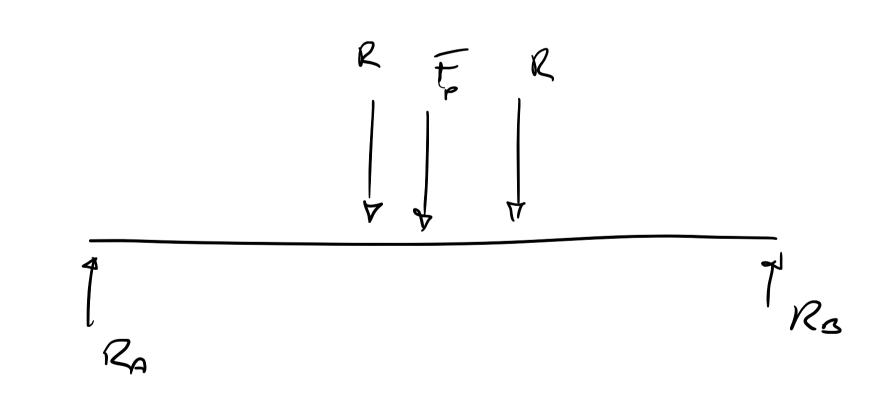
$$R = \frac{M \cdot (P_C + \Psi \cdot S_q)}{G}$$

Consider the consideration 
$$O_1$$
,  $C_2$  consideration  $O_2$ ,  $O_2$ 

### DISTANTA DI MASSIMA SOLLE CITAZIOLE

### CANKER COLLENINATI

# CONSMEND REPERSO PELLO TILOVE APPULATO



$$\begin{cases}
R_{A} + R_{B} - 2R - F_{P} = 0 \\
R \cdot d + F_{P} \cdot SP + R \cdot (d + S_{E}) - R_{B} \cdot SP = 0
\end{cases}$$

$$\int R_{B} = \frac{1}{5\rho} \left[ R \cdot d + F_{b} \cdot S_{b} + R(d + S_{c}) \right] = 16786 N$$

$$R_{A} = 2R + F_{b} - R_{B} = 15740 N$$

PEN COSTNOTULE IL DIAGNAMMA DI TAGLI E MOLLENDO SEMANO FONZA PESO E CANICAI CONCENTRATI

$$R_{p}' = R_{p} - \frac{R_{p}}{2} = 10890 \text{ M}$$

$$R_{s}' = R_{s} - \frac{R_{p}}{2} = 11935 \text{ M}$$

### DIMENS COU

SCANTIAMENTO DEL PONTE 2430
PASSO RUBTE TESTATA 2100

SCATTIPIENTO CARRELLO
PASSO NOTES CARRELLO

### 400 200

[mm]

## JENSWONI

$$G_{x,v} = \frac{Mv}{W_{x-x}}$$

$$G_{y} = \frac{F}{A}$$

$$G_{x,v} = \frac{Mv}{W_{x-x}}$$

$$G_{y} = \frac{F}{A}$$

$$G_{x,v} = \frac{T}{A_{x-v}}$$

$$V' = \frac{T}{A_{x-v}}$$

$$V'' = \frac{T}{A_{x-v}}$$

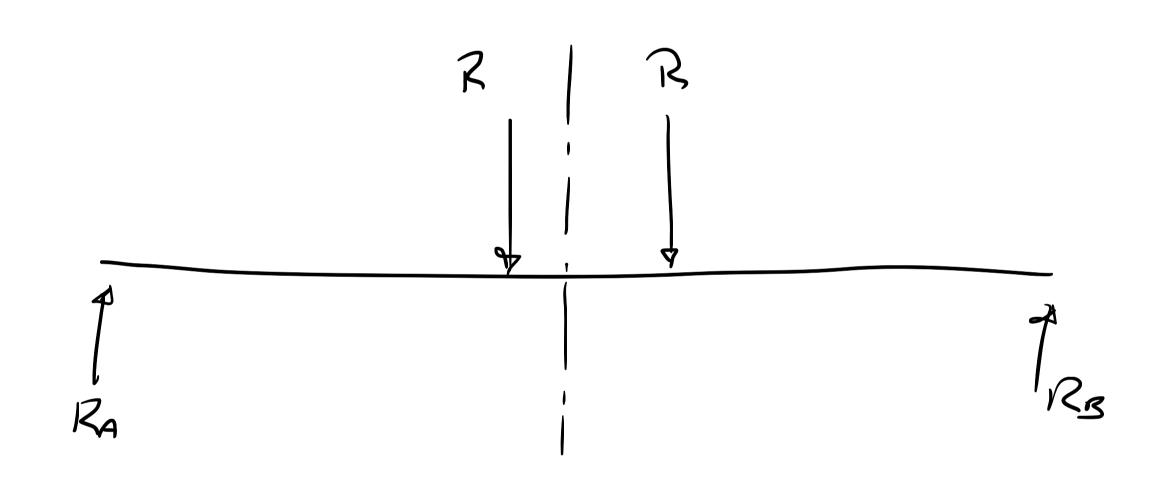
$$(A_{x-v} - 2E)$$

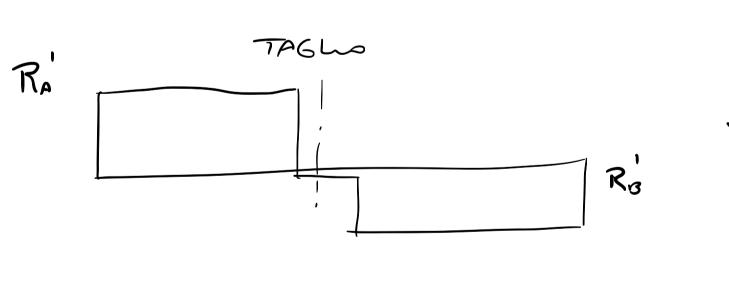
SO SCANTAMENTO CAMPONTE SE SCANTAMENTO CONNEULO

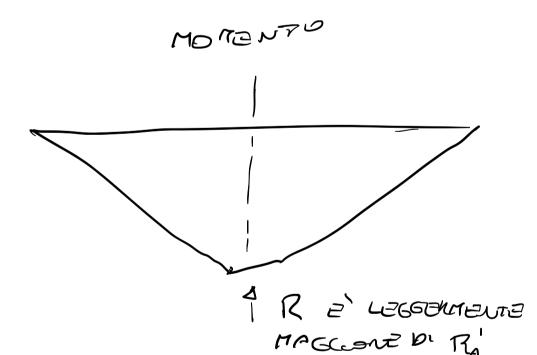
### TENSIONE IDEALE DI CONFRONTO - CRITERIO DI VON MISES

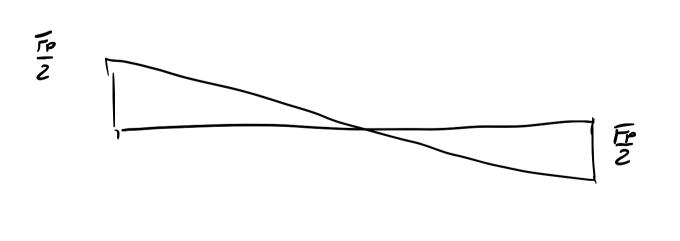
$$6_{1D} = \sqrt{(6_{x,v} + 6_{x,o})^2 + 6_y^2 - (6_{x,v} + 6_{x,o}) a_y + 3(4_{x,v}^{1})^2}$$

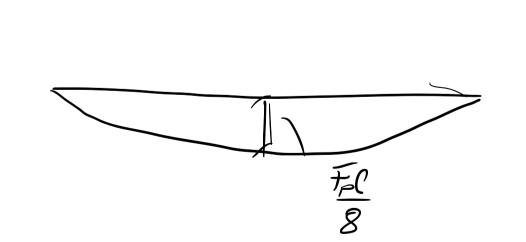
## REARIOUR VINCOLAMI

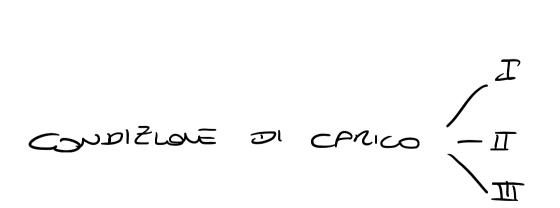












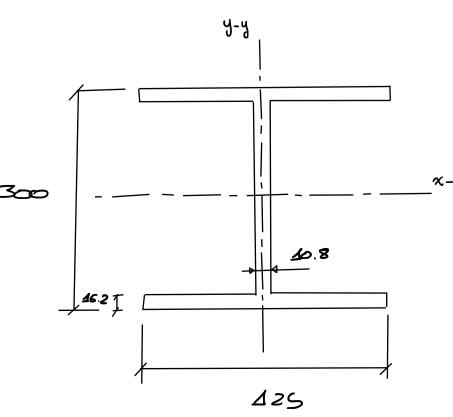
SENVIZO DETENE SENZO VENTO
FORZE RECOGNI E OCCASIONALI

CANICAI ECCEZIONALI

#### CARATTERIL STICHE SEZIONE

#### 1PN 300

$$\overline{J}_{x-x} = 9800 \text{ cm}^{9}$$
 $\overline{W}_{x-x} = 653 \text{ cm}^{3}$ 
 $\overline{J}_{y-y} = 451 \text{ cm}^{4}$ 
 $\overline{W}_{y-y} = 72,2 \text{ cm}^{3}$ 

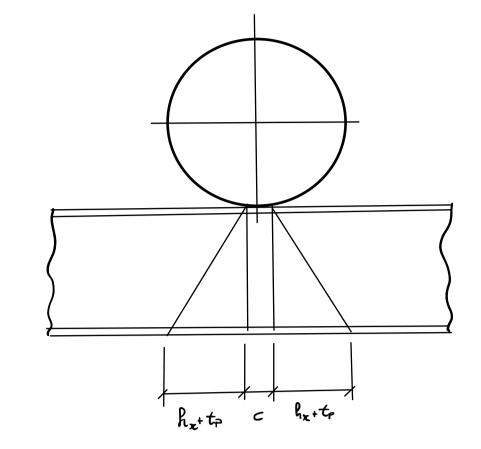


$$M_{HAM} = \frac{12}{2 \cdot 50} \left( \frac{50 - 50}{2} \right)^2 + \frac{1}{8} F_0 5$$

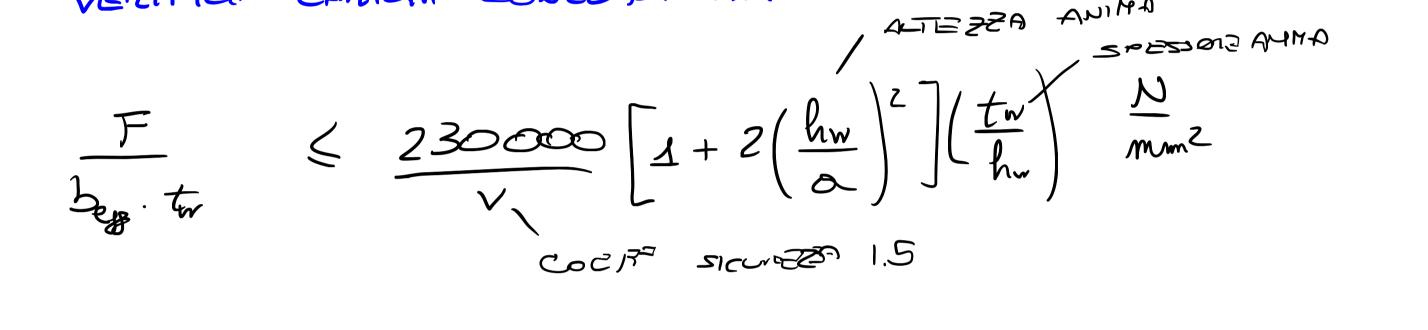
$$= 5,594,027 \quad do N \cdot Mm$$

$$G_{HAM} = \frac{M_{AM}}{W_{AM}} = 8.56 \quad \frac{100}{mm^2}$$

#### Some citazioni vocali



VERIFICA CANICHI CONCENTRATI



VENTICA FRECCIA MASSIMA

$$\frac{1}{\sqrt{18EJ_{x-x}}} = \frac{R(5p - 5c)\left[35p^2 - (5p - 5p)^2\right]}{\sqrt{18EJ_{x-x}}} = \frac{R(5p - 5p)^2}{\sqrt{18EJ_{x-x}}} = \frac{R(5p - 5p)^2$$

### VENIFICA SVENGOLAMENTO

DALLE SEZIONE 7.3.2 DEL CUR-UN 10011/88

$$G = \frac{\omega_1}{\Psi_x} \frac{\Psi_{max}}{\Psi_x} \leq G_{AMM} \checkmark$$

W, SI DETERMINE DAL PROSPETTO 7-VI

$$\frac{h\ell}{ht} = 262 \Rightarrow \omega, = 1$$

h: ALTEZZA THAVE

b: LONGIEZZO ALI

C: Lora 2770 - MAKE

to spessione all

### VENIFICA SNEWVAMENTO

1=0 is tousing

T'=0 MEZZEMA

Gy = 0.65 de N mm²

0, = 8.57 Lan mm²  $O_{15} = \sqrt{(G_{15} + O_{15})^2 + G_{8}^2 + (G_{50} + G_{90})G_{8}} = 4.49 < 16 dan$ 

VERIFICA A FATICA

Confronto IL 16 Deus souécites une con un Ao Amr

16 = OMAR - OMIN, SI ASSCHE OMIN = O (IPSTESI COUSEKVATIVA)

DATI:

Kp = 0.125

SOUR DA CUR-UNI 10011/88

82 = **1** 

(and ongte inaisanse 2.5) E.1 = m8

$$\Delta G_{eq} = \left[ \frac{Z' \Delta \hat{G} \cdot M'}{N} \right]^{1/3} = \Delta G = 8.56 \frac{60}{000^2} \left( \Delta G' = \Delta G Y' \right)$$

$$\Delta G_{eq}$$
 <  $\frac{\Delta G_{R}}{\delta_{m} \cdot \delta_{s}} = \frac{15}{1.3} = 11.54 \text{ der}$    
 $\delta_{m} \cdot \delta_{s}$   $\delta_{m} \cdot \delta_{s}$   $\delta_{m} \cdot \delta_{s}$ 

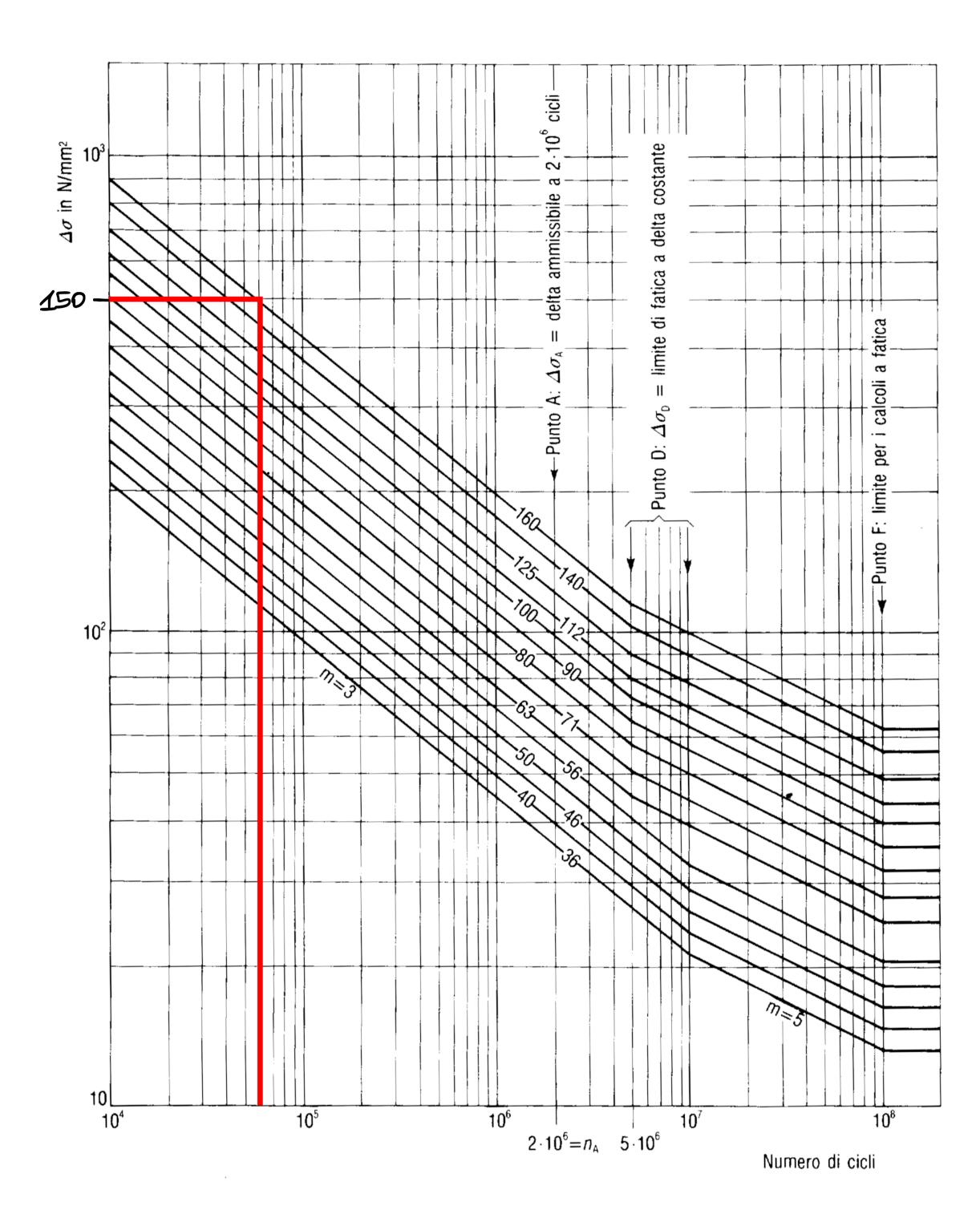


Diagramma 8-II — Linee SN dei particolari strutturali sollecitati a trazione o compressione