

[CALCOLO NUMERICO]

→ ERRORI DI APPROSSIMAZIONE

[+ / -] ⇒ OP. BASE

ERRORI



1955 754

+ 8.33365

8.33 / 0.833 (!)

ERRORS { RELATIVO
ASSOLUTO

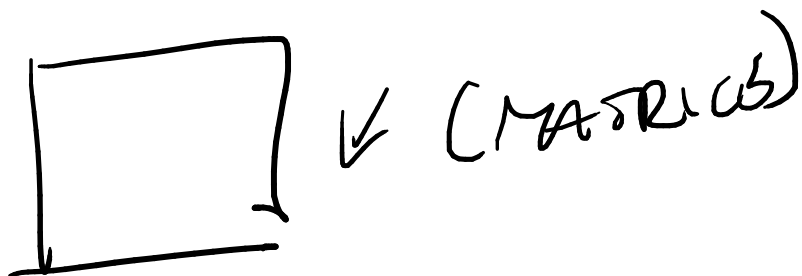
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X = PERTURBAZIONE
DEL NUMERO

$$ASSOLO \Rightarrow l_{abs} = |x - \hat{x}|$$

$$RA \Rightarrow l_{rel} = \frac{|x - \hat{x}|}{|x|}$$

$$\mathbb{R}^N \Rightarrow \mathbb{R}^N \text{ (CUSTOM)}$$



ERRORS ↗ FROM CARDS MO
(0.33 / 0)

↘ ADD TO NDARUS MO

(0.37 ↓ 0.3

↑ 0.4)

MODULO ↘ $x = N. \text{ESAB}$

$$\underline{f(x)} = x(1 + \textcircled{5})$$

↘ FARMER DI
APPQ,

OP. ALGEBRICHES



OP. MACCHINA (\tilde{x}, \tilde{y})

ERRORS



x_M, y_M

DI

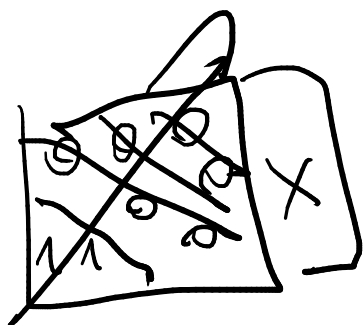
CONDIZIONAMENTO

$x \Rightarrow$ N. REAG

$\sigma \Rightarrow$ FATT. DI AT + LOSS, COSTANTI

$$\left| \frac{A(x + \sigma x) - A(x)}{A(x)} \right| \leq \textcircled{K} \frac{|\sigma x|}{|x|}$$

$$[Ax = b]$$



AVANTI

$$= [b]$$