Lezione 1
lunedì 21 settembre 2020

http://maxima.sourceforge.net/

https://www.texmacs.org/tmweb/home/welcome.en.html

08:10

https://processing.org/  $x \in \mathbb{R}^2$   $x \in \mathbb{R}^2$   $x \in \mathbb{R}^3$   $x \in$ 

 $= \frac{(2n \text{ ey ez]}(5x)}{5x} \text{ PRODUTTO}$   $5x = \frac{3x}{3}x$   $\frac{3x}{3}$   $\frac{3x$ 

 $0 \times 5 = \begin{bmatrix} 3 - 2 & 2 & 0 \\ 0 - 25x - 9x 52 \\ 0 \times 5y - 9y 5x \end{bmatrix}$   $e_{x} \cdot e_{y} = 0$   $e_{x} \cdot e_{y} = \begin{bmatrix} 1 & 0 & 0 \end{bmatrix} \begin{bmatrix} 0 \\ 1 \\ 0 \end{bmatrix} = 1 \times 0 + 0 \times 1 + 0 \times 0 = 0$   $e_{x} \times e_{y} = e_{z}!$   $= det \begin{bmatrix} e_{x} & e_{y} & e_{z} \\ 0 & 0 \end{bmatrix} = e_{z}$ 

+ (2 · ( Qx by - Og bx)

RARI DISPARI

2 y 2
3 DISPARI

PERMUTAZIONE SISPARI

2 y 91

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XY Y = + D

eg x eg = 0

2 PARI

92 y x ro PERMUTAZIONE

a//s (=> ax 5=0)

e1/5 (=> ax 6=0)

e1/5 (=> ax

 $= 2 lot \begin{cases} e_{x} e_{y} e_{t} \\ 57 \\ 47 \end{cases}$  = 2.0 = 0  $0.5 = 0 \implies 0.15$   $0.5 = 0 \implies 0.15$ 

STOLARE  $\begin{array}{c}
2 \times 5 \neq 5 \times 2 \\
\hline
0 \times 5 = -5 \times 2 \\
\hline
0 \times 5 \times 2 \\
\hline
0 \times$