$$\frac{1 - 2/x}{2 + 1/x} - \frac{1 + 2/x}{2 - 1/x} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2}$$

$$G_1: \times - \pi : \frac{1}{\times} \mapsto G_1: = \frac{1-2\pi}{2+\pi}, \quad G_2: = \frac{1+2\pi 2}{2-\pi} \mapsto y_1: = G_1-G_2$$

2) CALGGEO GOVBIZIONA MENTO

$$\frac{(\int (A) = 10 (1-4x^2) \cdot 10x (-8x)}{(1-4x^2)^2} = \frac{10-40x^2+80x^2}{(1-4x^2)^2}$$

$$CC_{1}^{2} = \frac{1}{2} \cdot \frac{10}{(1-4x^{2})^{2}} \cdot \frac{1-4x^{2}}{10x} = \frac{1+4x^{2}}{1-4x^{2}}$$

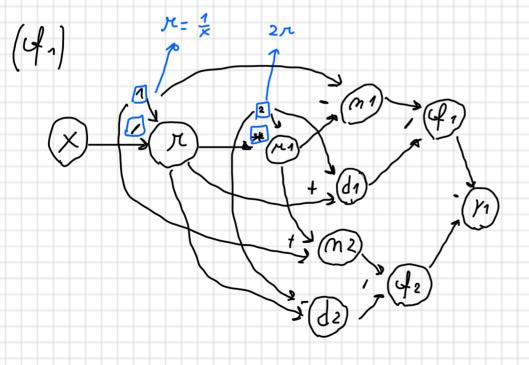
$$\lim_{x\to +\infty} \frac{1+4x^2}{1-4x^2} = \frac{00}{-00} = -1$$

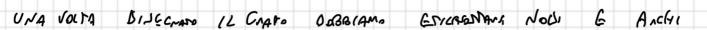
O LA CLAISKA MECOLA DI

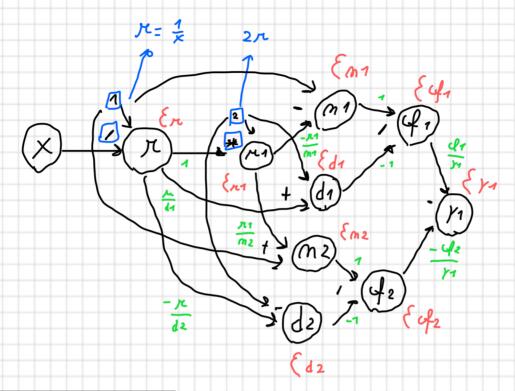
DOVE GUARDI I COEFRICENI FLAVAMI ALLX (N QUE) TO CARO ABBIAMO 4 = -7

METODO SEL PAOF; 
$$\lim_{x\to 2+00} ax^2 \left(\frac{1}{4x^2} + 1\right) = \lim_{x\to 2+00} \frac{1}{4x^2} + 1$$

-00: MAL COMETETORATE







$$\begin{cases} 2+6 = \frac{\partial}{\partial t b} \begin{cases} 2 & t = \frac{\partial}{\partial t b} \begin{cases} b \end{cases} \end{cases}$$

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SI CCOME & PAGSEME UN "-" NEMA EVIZIME PANCIPALA MI CONTENE ANDALE
A VEUGLE NEL GLAFO L'ETICHETTA CON "-" E CALCOLANIE IL HIMITE

$$\lim_{x \to +\infty} \frac{\sqrt{1}}{\gamma_1} = \lim_{x \to +\infty} \frac{\frac{1-2/x}{2+\sqrt{x}}}{2+\sqrt{x}} = \pm \infty$$

$$\int \frac{10x}{1-4x^2} = \pm \infty$$

$$\int \frac{1-2/x}{2+\sqrt{x}} = \pm \infty$$

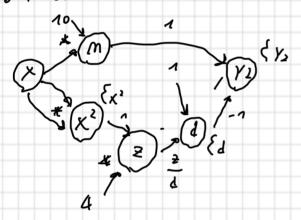
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SICLOME TENSE A + L'ACCOURTNO 61 MUTABILE



$$S(A) = \begin{cases} x^3 + \partial x + \beta & 0 \\ -x^3 + \partial x^2 & 1 \end{cases}$$

S CONTINUA 
$$\Leftrightarrow$$
  $S(1) = \lim_{x \to 1^-} S(x) = \lim_{x \to 1^+} S(x)$ 

$$\int_{0}^{1} \left( x \right) = \begin{cases} -3x^{2} + 5\alpha x \\ 3x^{2} + 5\alpha x \end{cases} \qquad \int_{0}^{1} \left( x \right) = \begin{cases} -6x + 2\alpha \\ -6x + 2\alpha \end{cases}$$

$$\lim_{x\to 27} \int_{-27}^{1} (x) = \lim_{x\to 27} (3x^2+2) = 3+2$$

$$\lim_{x\to 27} \int_{-27}^{1} (x) = \lim_{x\to 27} (-3x^2+22x) = -3+22$$

$$\lim_{x\to 27} \int_{-27}^{1} (x) = \lim_{x\to 27} (-3x^2+22x) = -3+22$$

$$S(x) = \begin{cases} -x^3 + 6x^2 \\ x^3 + 6x^2 \end{cases}$$

E 2 PENCRE SONO /

VALORI GSTERNA

VENTRIATO

GIVERS

$$G(x, y, 0) = \begin{cases} c_1 & 0 \\ 0 & 0 \end{cases} = \begin{cases} c_2 & 0 \\ 0 & 0 \end{cases} = \begin{cases} c_3 & 0 \\ 0 & 0 \end{cases} = \begin{cases} c_4 & 0 \\ 0 & 0 \end{cases} = \begin{cases} c_5 & 0 \end{cases} = \begin{cases} c_5 & 0 \\ 0 & 0 \end{cases} = \begin{cases} c_5 & 0 \end{cases} = \begin{cases} c_5 & 0 \\ 0 & 0 \end{cases} = \begin{cases} c_5 & 0 \end{cases} = c_5 & 0 \end{cases} = \begin{cases} c_5 & 0 \\ 0 & 0 \end{cases} = c_5 &$$

۵ ماد = ک

$$G(i, j, o) \times = \begin{pmatrix} * \\ o \end{pmatrix} \leftarrow i$$

$$G(2, 1, 0) = \begin{pmatrix} 3 \\ 9 \\ -2 \\ 0 \end{pmatrix} = \begin{pmatrix} 0 \\ 4 \\ -2 \\ 0 \end{pmatrix}$$

$$|1 \times 11 = | \left( \sqrt{73} \right) |$$

$$\sqrt{3^2 + 0^2} + \left( -2 \right)^2 + 0^2$$

$$\sqrt{13}$$

LO SI FA COME VENTICA FIMATE

LA MONTA BI X DEVE EJEAR CHAIR BEL VENTONE

FIMATE BI CIVEN

HOWE AUGE

INTERIOR DIONE GEONEWIA: /R M, W

$$M = \left( |X| \right) = \int_{-3}^{2} + 4^{2} = S$$

$$M = \left( \begin{vmatrix} -3 \\ 4 \end{vmatrix} - 5 \begin{pmatrix} 1 \\ 0 \end{pmatrix} \right) = \left( \begin{vmatrix} -6 \\ 4 \end{pmatrix} \right)$$

$$MM^{T} = \left( \begin{vmatrix} -8 \\ 4 \end{vmatrix} \right) \left( -8 \begin{vmatrix} 4 \end{vmatrix} \right) = \left( \begin{vmatrix} 64 \\ -32 \end{vmatrix} \right)$$

$$\beta = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} - \frac{2}{80} \begin{pmatrix} 64 & -32 \\ -32 & 16 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} - \begin{pmatrix} 8/5 & -4/5 \\ -4/5 & 2/5 \end{pmatrix} = \begin{pmatrix} -3/5 & 4/5 \\ 4/5 & 3/5 \end{pmatrix}$$

$$\begin{pmatrix} -3/5 & 4/5 \\ 4/5 & 3/5 \end{pmatrix} \begin{pmatrix} -3 \\ 4 \end{pmatrix} = \begin{pmatrix} 5 \\ 0 \end{pmatrix} VENT LIADO$$