Algebra & Geometria, Kolokvinm = 9:30-10:00) Éwi (Zemia link orazinstruhije ma stronie Karper. to Karper. topolnicki @ uj. edu. pl Karpertopol. github. io

8:30 - 10:00

23 111 2020

prestren weltovoua: - Cia Polinz 6 F (Lonezywiste, Lovojone) - 2650 N Tel. wehtory +: V × V ---> \ a: FX / -> /

$$V = \{ sim, cos \}$$

peda za ( ) 70 Sim (t), cos (t)
sq linions niezeloine jeteli elle laiolege t; cess(t), sh(t)

on . sin(t) + 6 or os(t) = 0

nireoloine a = 0 n = 0  $\sin (t) = d \cos (t)$   $\sin_{1}(d) = d \cos (t)$   $\sin_{1}(d) = d \cos (t)$   $\tan_{1}(d) = d \cos (t)$ 

$$\frac{d^{2}}{d+7} \times (+) = \frac{d}{d+} \left( \cos (3)(4) - 6 \sin (4) \right) =$$

$$= -\alpha \sin (4) - 6 \cos (4)$$

$$\left( \frac{d^{2}}{d+7} \right) \begin{pmatrix} \alpha \\ 6 \end{pmatrix} = \begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix} \begin{pmatrix} \alpha \\ 6 \end{pmatrix} = \begin{pmatrix} -\alpha \\ -6 \end{pmatrix}$$

$$\left( \frac{d}{d+7} \right) \begin{pmatrix} d \\ 0 \end{pmatrix} = \begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix} = \begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix}$$

$$\begin{cases} x + y - \overline{z} = -7 \\ 3x - 5y + 13z = 18 \\ x - 2y + 5z = k \end{cases} \begin{pmatrix} 1 & 1 & -1 \\ 3 & -5 & 15 \\ 1 & -7 & 5 \end{pmatrix} \begin{pmatrix} y \\ z \end{pmatrix} = \begin{pmatrix} -2 \\ 18 \\ 18 \\ 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & -1 & | -2 \\ | -7 & | 18 \\ | 1 & -7 & 5 \end{pmatrix} \begin{pmatrix} 1 & 1 & -1 \\ | -2 & | -7 & | -7 \\ | -7 & | -7 & | -7 & | -7 \\ | -7 & | -7 & | -7 & | -7 & | -7 \\ | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 \\ | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -7 & | -$$

P.S. Zaprastom w czwartebne consultacje. Wypróbujeny program ??ZOOM!; https://zoom.us(moine zonloige olormone (conto)