Friday, December 25, 2020 Friday, December 25, 2020 7:51 AM $2 = 10^{-3}$ $A = \begin{pmatrix} 1.12 & 4.45 & 6.38 \\ 4.45 & 1.31 & 0.56 \\ 0.38 & 0.56 & 0.52 \end{pmatrix}$ trager inc 7:51 AM R) 12,1~ 2 (traz) = 1 43.7619 = 6.6153 $A^{4} = \begin{pmatrix} 580.7789 \\ 605.5998 \\ 4 \\ 17.6105 \end{pmatrix}$ $\begin{aligned} &|\lambda_{1} \bigotimes_{i} \sqrt[4]{|br(A^{*})|} = \frac{4}{3} = 5.8905 \\ &= (....) \quad |\lambda_{1}| \approx \sqrt[8]{|br(A^{*})|} = 5.7581 \\ &A^{16} = (....) \quad |\lambda_{1}| \approx \sqrt[16]{|br(A^{6})|} = 5.7509 \\ &A^{16} = (....) \quad |\lambda_{1}| \approx \sqrt[16]{|br(A^{6})|} = 5.7509 \\ \end{aligned}$ $A^{32} = (...)$ $(\gamma_1) \approx \sqrt[31]{(tr(A^{32}))} \notin 5.7508)L$ $|5.7509 - 5.7508| < 10^{-3}$

$$\begin{aligned} |\mathcal{X}_{1}| &= 5.7508 \\ & A_{X_{1}} = A_{X_{1}} \\ \times_{1} &= A^{32} \cdot \sqrt{.8} = (0.693, 0.710, 0.126)^{T} \\ & p_{reft} \cdot \int \mathbb{E}_{1,0,0}^{T} \\ & N_{0} Rucc (A^{92} \cdot \sqrt{)} \\ & A \cdot \times_{1} = \lambda_{1} \times 1 \\ & (\mathbf{1} + \mathbf{1}) \\ & (\mathbf{1} + \mathbf{1}) \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & \mathbf{1} + \mathbf{1} \\ & (\mathbf{1} + \mathbf{1}) \\ & (\mathbf{1} + \mathbf$$

Friday, December 25, 2020 8:39 AM

(*)
$$\xi = 5 \cdot 10^{3}$$
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 $(privet; st. protect)$
 $A = \begin{pmatrix} 4 & 0 & 5 \\ 2 & 2 & 5 \\ 1 & 3 & H \end{pmatrix}$
 $A \times i = \lambda_{1} \times i \quad \Rightarrow \lambda_{1}$ inaquearies the A λ_{1} inaquearies the A
 $A^{1} \times i = \frac{1}{\lambda_{1}} \times i \quad \Rightarrow \frac{1}{\lambda_{1}}$ inaquearies of $A^{-1}; \frac{1}{\lambda_{1}}$ inaquearies the A^{-1}
 $D = A^{1} = \begin{pmatrix} -0.115 \circ & 1.125 & -0.75 \\ -0.625 \circ & 1.625 & -0.75 \\ 0.5 & -1.5 & 1 \end{pmatrix}$
 $D^{2} = (...); \sqrt{16r(3)1} = 1.8684$
 $D^{3} = (...); \sqrt{16r(3)1} = 1.8684$
 $D^{3} = (...); \sqrt{16r(3)1} = 1.8660$
 $\lambda_{1} = B^{3} \cdot \sqrt{5} = (-0.5437; -0.5437; 0.635)^{T}$
 $B \times i = \lambda_{1} \times i - 1$
 $A_{1}(B) = 1.8660$
 $\lambda_{1} = B^{3} \cdot \sqrt{5} = (-0.5437; -0.5437; 0.635)^{T}$
 $B \times i = \lambda_{1} \times i - 1$
 $A_{1}(B) = 1.8660$
 $\lambda_{1} = 2 \cdot \sqrt{5} = (-0.5437; -0.5437; 0.635)^{T}$

Friday, December 25, 2020 Metoda îscrpljivanja 9:15 AM

Milz ... > Mul , same san A: λ_1, λ_2 A: λ_1, λ_1 $A^*: \overline{\lambda_1}, \overline{\lambda_1}$ $A^*: \overline{\lambda_1}, \overline{\lambda_1}$ $A^*: \overline{\lambda_1}, \overline{\lambda_1}$ $A^*: \overline{\lambda_1}, \overline{\lambda_1}$ $(2\alpha_1, \gamma_1) \approx 1$ $(2\alpha_1, \gamma_1) = \overline{\partial} \overline{i_1}$ $\mathcal{N}(A) = \{0, \mathcal{N}_2(A), \dots, \mathcal{N}_n(A)\}$ $A_1(A_1) = A_2(A)$ $A_{i} \times_{i} = (A - \mathcal{H}_{i} \times_{i} \mathcal{H}_{i}^{*}) \cdot \mathcal{H}_{i}$ $A = c_1$ Ax= Axy = Vx1 - V'x1, J' x = A = - A, & (x1, y1) $= \underline{Ax_1} - \underline{Ax_1} = \underline{Ax_1} - \underline{Ax_1}(x_1, y_1)$ = (NI - NI (T' Z')) . X A, Xi = (A - Maxyi*) oci $\bar{l} = 2, 3, ..., N$ = Axi - Axx yit xi = Ni xi - N. x. (xi, y.) = 8i. xi At CAN = At (A), E=2,..., h nekou preth. met > 71(A), tol ж A₁=... nekou prette met $\overline{\lambda}_1(A_1) = \overline{\lambda}_2(A)$ $A_1 = \dots Prette$ met $\overline{\lambda}_1(A_2) = \overline{\lambda}_2(A)$ $A_2 = \dots Prette$ met $\overline{\lambda}_1(A_2) = \overline{\lambda}_2(A)$: `(

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Sk. Proze velt PRIMenon met isplitvanja i metode tragana $(\overline{*})$ ------} alkedin druge po velicini modula s. vred. 50 tadroscu 5.10 $A = \begin{pmatrix} 2 & 1 & 1 \\ 1 & 2 & 1 \\ 1 & 2 & 1 \end{pmatrix}$ traganna $\frac{1}{2}\lambda_{1}(A)$, $\frac{1}{2}$ $\rightarrow \lambda_1 = 4.414$ $\hat{\mathbf{O}}$ $\chi_{i} = (0.5, 0.7, 0.707)^{T}$ AILAI = AILAT) $- \alpha = \frac{4}{3} \frac{1}{3} \frac{1}{3$, Y1 $A_1 = A - A_1 \times A_1 \cdot \times A_1 = \begin{pmatrix} * & * & * \\ * & * & * \\ * & * & * \end{pmatrix}$ 3) tragarma² $\lambda_1(A_1) = \lambda_2(A)$