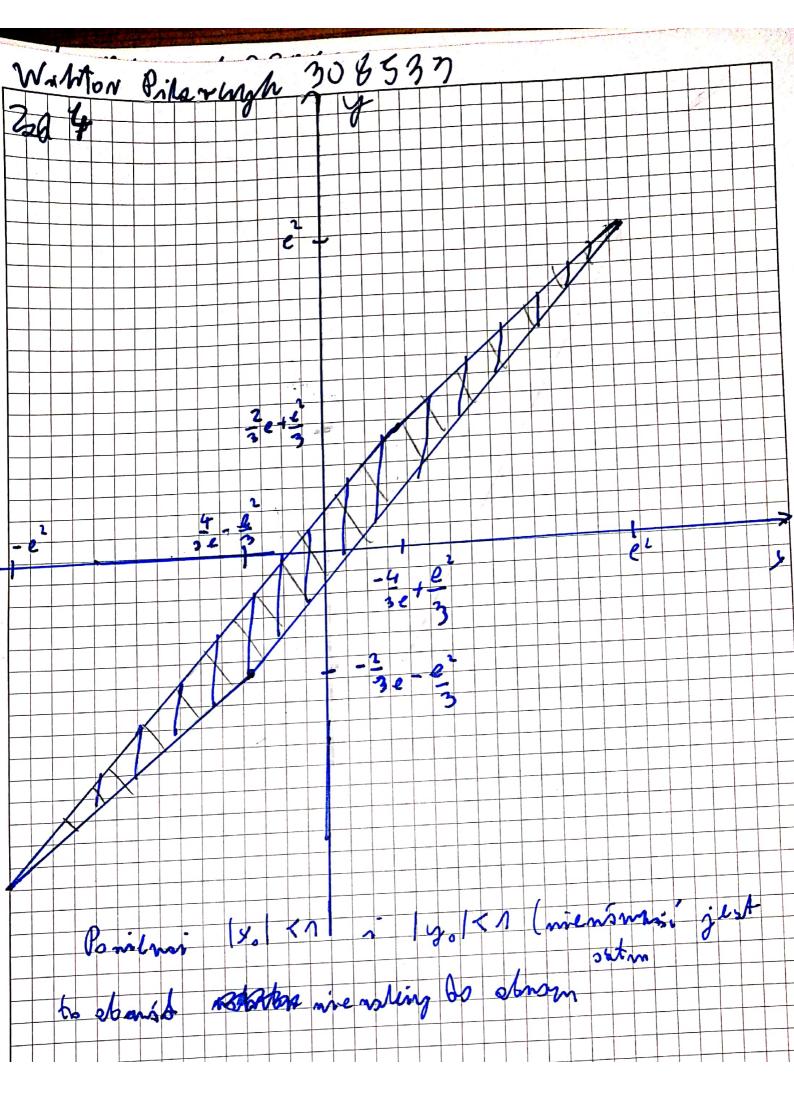
WilMow Pilaringh 308533 1 1x1 < 1 , 181 < 18 $\begin{cases} x^{1} = 2y \\ y^{1} = x + y \end{cases} = > \begin{cases} y = \frac{1}{2}x^{1} \\ y^{1} = x + y \end{cases} = > \frac{1}{2}x^{1} = x + \frac{1}{2}x^{1}$ $2x = x^{1} - x$ jest to spetnisme pner x = c, e + c, e 2 + wish 2 y= 2 x1 to g = - 1 m cne+ L2 e2t X. XX(0)= 61+ 62 4 y y ld = - 1 cn + c2 might (1 = 3 (4 - 40) 62= 13(>0+240) migs No t=1 y(1)=-A 3 (xo-yo)e-1+ 3 (xo+lyo)e2 \times $\begin{pmatrix} 1 \\ 1 \end{pmatrix} = \begin{pmatrix} e^2 \\ e^2 \end{pmatrix}$ Normystajne z vlasnosi funky: $\oint_{-1}^{1} \left(-\frac{\eta}{2} \right) = \left(-\frac{e^{2}}{e^{2}} \right)$ himonya - anglisa strugminger insolvant $\int_{-\Lambda}^{\Lambda} \left(\frac{1}{2} \right) = \left(\frac{4}{3e} - \frac{e^2}{3} \right)$ $\int_{-1}^{1} \left(-\frac{1}{1} \right) - \left(-\frac{4}{32} + \frac{e^{1}}{3} \right) \\
\frac{1}{30} + \frac{e^{1}}{3} \right)$



Wilhow bilanegh 30 \$577

Job 5

$$\begin{cases}
x' = y \\
y' = -x - h y
\end{cases}$$
 $A = PPP^{-n} \cdot P^{-1} \begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} w_n \\ w_n \end{pmatrix}$

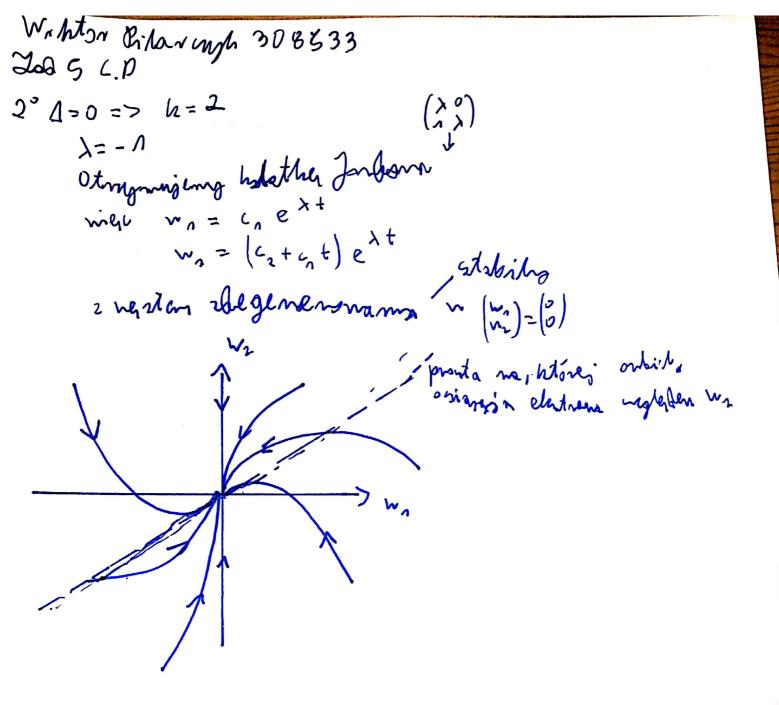
No prostomie A. Policewighi (R. R. Imy inajne)

9.2 - Pundly hnytyrere wheaton in vious in me plasewighin

Naleing statio (m. ita > ML maximy A.

 $X(\lambda) = \lambda^2 + h \lambda + 1$
 $A = h^2 - 4 = (h-2)(h+1)$

1° $A > 0 \Rightarrow h > 2$
 $\lambda_1 = \frac{1}{3}(-h + Jh^2 4) < 0$
 $\lambda_2 = \frac{1}{3}(-h + Jh^2 4) < 0$
 $\lambda_3 = \frac{1}{3}(-h + Jh^2 4) < 0$
 $\lambda_4 = \frac{1}{3}(-h + Jh^2 4) < 0$
 $\lambda_5 = \frac{1}{3}(-h + Jh^2 4) < 0$
 $\lambda_7 = \frac{1}{3}$



Wilston Pilerugh 308953 Tab 56.0.2 32 160 hc[0,2) λη= o+ ib λ= o*- ib 670 $\begin{pmatrix} w_{\lambda_{1}} \\ w_{2} \end{pmatrix} = \begin{pmatrix} 3 & -b \\ b & Q \end{pmatrix} \begin{pmatrix} \omega_{\lambda} \\ w_{\nu} \end{pmatrix}$ wh = a vont - b maint Wy = r cos A m2 = n sin A m== p wow A + on own A 2= QN 81-6 $a = -\frac{1}{2}h < 0$ who v= voeat 0 = + bt 6 = 1 V-4+h2 I portnet long no ported Spindi wigoja uj sil do (3)=(m) agmistes stabalue