$$\left\| \left(-\frac{\xi_{i}}{|\xi_{i}|} \right) \right\|_{L^{\infty}} \left\| \left(\frac{\xi_{i}^{T} x}{|\xi_{i}|^{T}} \right) \right\|_{L^{\infty}} = \| |u| \times \left\{ \left(\frac{\xi_{i}^{T} x}{|\xi_{i}|^{T}} \right) \right\} = \| |u| \times \left\{ \left(\frac{\xi_{i}^{T} x}{|\xi_{i}|^{T}} \right) \right\}$$

$$\begin{pmatrix}
b_{11} & b_{11} \\
\vdots & \vdots \\
b_{2n}
\end{pmatrix} = \begin{pmatrix}
\begin{bmatrix}
b_{11} \\
\vdots \\
b_{2n}
\end{bmatrix} = \begin{pmatrix}
\begin{bmatrix}
b_{11} \\
\vdots \\
b_{2n}
\end{bmatrix}$$

$$\|A_{x}\|_{\infty} = \max_{1 \le i \le n} \left\{ \sum_{j=1}^{n} b_{ij} x_{j} \right\}$$

$$= \max_{1 \le i \le n} \left\{ \sum_{j=1}^{n} |b_{ij}| |x_{j}| \right\}$$

$$= \max_{1 \le i \le n} \left\{ \sum_{j=1}^{n} |b_{ij}| |x_{j}| \right\}$$

 130.00 - 1000 K

67 = 10 52

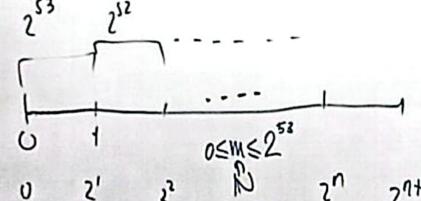
62=51/2

$$\begin{bmatrix} 204 - 200 & -+2 \\ -+2 & 746 - 200 \end{bmatrix} \begin{bmatrix} 0 \\ 6 \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \end{bmatrix} \qquad \frac{4}{9} = \begin{bmatrix} -\frac{7}{5} \\ -\frac{7}{5} \end{bmatrix} = \begin{bmatrix} 0 \\ 1 \end{bmatrix} = \begin{bmatrix}$$

100 AV= 122 AV= 22-0 X-146-72-0

(A)(F6 = Vtroce (A*A) = J250) . |A|(Fb = VZ 02 = |(T1,..., TZ)|1 $|| H|_{0}=|| \frac{1}{2} || \frac{1}{2}$ 11(0,00) $A^{-1} = \sqrt{27} \sqrt{4} = \left(\frac{7}{700} - \frac{11}{700}\right) \left[\frac{107}{700} - \frac{11}{700}\right] \sqrt{\frac{11}{100}}$ $R = \sqrt{2} + \sqrt{2} = 1$ $\sqrt{2} + \sqrt{2} = 1$ \sqrt

· Minimo n E IN que no puedo representar en python (Usende floats)



 $2^{53}(2^{53}+1) = m^{2}2^{2}$ (2+e) = 53 $m' \leq m \leq 2^{53}$

TU5 V* $n \leq 2^{53}$ e:={+53 m=n1

$$A_{\text{matr}} = A = UZV^*$$

$$B = \begin{bmatrix} 0 & A^* \\ A & 0 \end{bmatrix} \qquad \begin{cases} v. & 0 \\ 0 & U \end{bmatrix} \begin{bmatrix} 0 & ZU^* \\ \Sigma V^* & 0 \end{bmatrix}$$

$$\begin{cases} 0 & V \subseteq U^* \\ U\Sigma V^* & 0 \end{cases} \qquad \begin{cases} 0 & V \Sigma U^* \\ U\Sigma V^* & 0 \end{cases}$$

$$\begin{cases} 0 & V \subseteq U^* \\ U\Sigma V^* & 0 \end{cases} \qquad \begin{cases} 0 & V \Sigma U^* \\ U\Sigma V^* & 0 \end{cases}$$