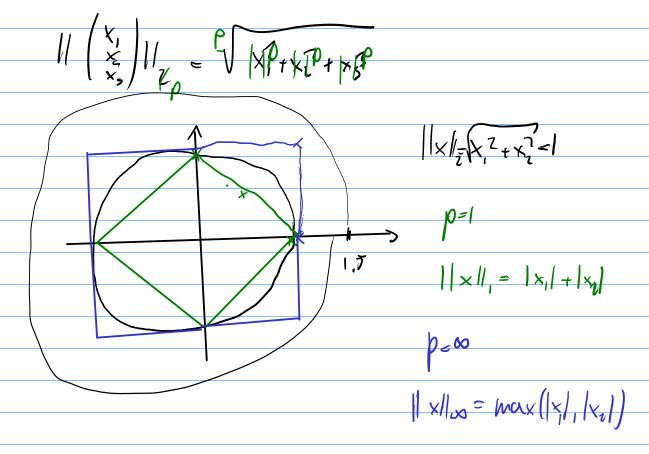
Norm.

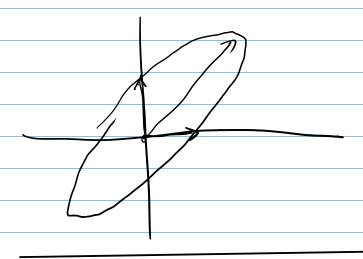
11.11 20



$$||A|| = \max_{x \neq 0} \frac{||Ax||}{||x||} = \frac{||f|||}{||x||}$$

$$\int |v_{1}|^{2} = 3v_{3}$$
Assume  $|v_{1}|^{2} = 1$ 

$$\frac{|v_{2}|^{2}}{|v_{1}|^{2}} = \frac{|v_{1}|^{2}}{|v_{1}|^{2}} \approx \frac{|v_{1}|^{2}}{|v_{1}|^{2}} = \frac{3}{|v_{2}|^{2}}$$





Now Echolon Form;

Ganss- Jord en élimination:

G-J  $\begin{pmatrix} d_1 & b_2 \\ d_3 & d_3 \end{pmatrix}$ 

Matrix - matrix multiplication:

Try to build Gaussia elin w/ elin mmices
$M_{\alpha} - M_{\alpha} M_{\alpha} M_{\alpha} M_{\alpha} A = U$
2 lover trongular matrix
$A = M_1^{-1} M_2^{-1} \cdots M_l^{-1} M_l$
Lower Hidryway
A= L U
U breakable;
(0) s just swap rows
Partial pivoting Swap the row
with the entry of larges I magnitude (in the
to the top arms
colmo)

