$$|\alpha| = \begin{cases} \alpha & \alpha \geq 0 \\ -\alpha & \alpha < 0 \end{cases}$$

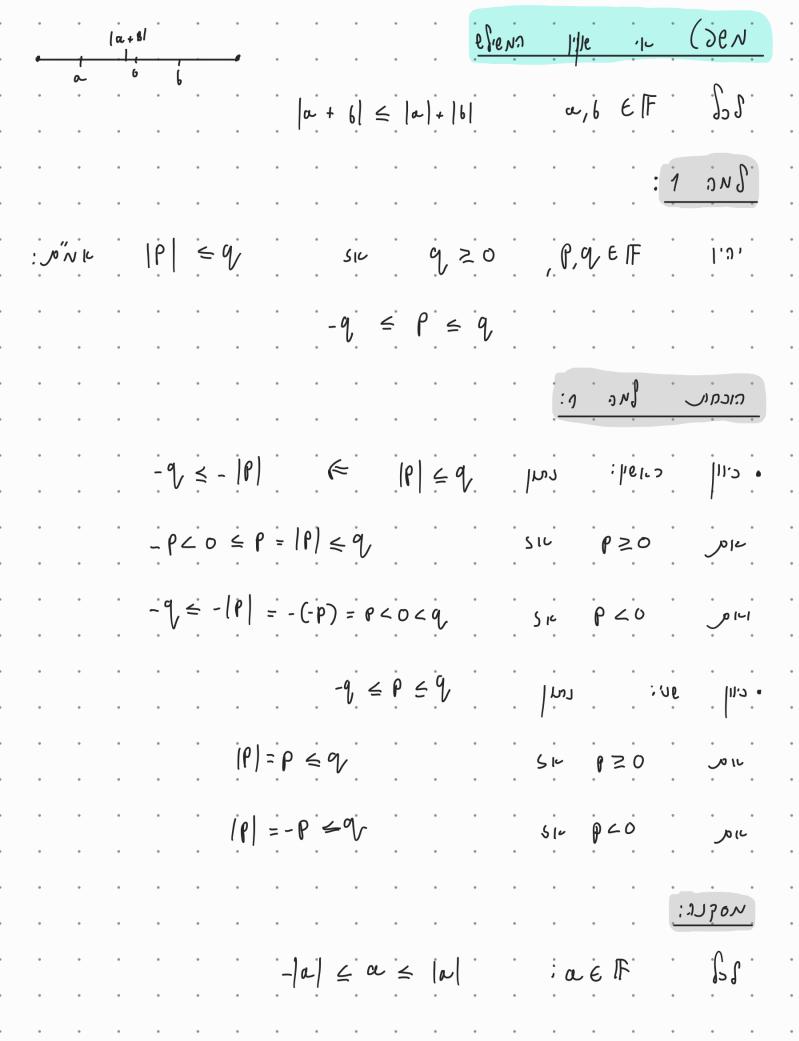
## 726

## : טוכטני

$$|\alpha| = (-\alpha)^2 > 0$$
 Six  $\alpha < 0$  six

$$\alpha=0$$
  $\in$   $|\alpha|=0$   $:$   $\int_{3}^{2}$ 

$$|a| = a = 0 \iff a = 0$$
 $|a| = (-a) > 0 \iff a = 0$ 
 $|a| = |(-a)|$ 
 $|a| = a = -(-a) = |(-a)|$ 
 $|a| = a = |$ 



$$|-a| \leq a \leq |a|$$
  $-e$  N'IN  $a, b \in F$ 
 $|-b| \leq b \leq |b|$ 

$$-|a|+(-|b|) = a+6 \leq |a|+|b|$$

$$|\alpha+b|\leq |\alpha|+|b|$$

$$|a-b| = |a+(-b)| \le |a| + |-b| = |a| + |b|$$

$$||a|-|b|| \leq |a-b|$$
  $\alpha, b \in \mathbb{F}$   $b \in \mathbb{F}$ 

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$$|b| \leq |a| + |a-b| \qquad : C = a-b$$

$$-\left|\alpha-b\right|\leq\left|b\right|-\left|\alpha\right|\leq\left|\alpha-b\right|$$