(1a) 
$$a_1b = O(=)$$
  $a_1^2 + b_2^2 = -2ab$   
 $a_1b = O(=)$   $a_1^2 + b_2^2 = -2ab$   
 $a_1b_2 = 0$   $a_1b_2^2 = 1 - 2ab$   
 $a_1b_2 = 1$   $a_1b_2^2 = 1 - 2ab$   $a_1b$ 

$$f(x)=|1-|x|| \quad x \in [-3;2)$$

$$\forall x \in D_{f}: f(x) \geq 0 \quad |gaz| \quad modulus_{2} \quad min \neq 1$$

$$3D \quad \forall x \in D_{f}: f(x) \leq 2 \quad |gaz| \quad f(-3) = 2$$

$$3c) \quad \exists ! \quad \alpha \in D_{f}: f(\alpha) \leq f(\alpha) \leq f(\alpha)$$

$$\forall x \in D_{f}: f(\alpha) \leq f(\alpha)$$

$$1-|x|=0$$

$$|x|=1 \quad \text{Hamis}_{1} \quad \exists$$

$$x = \pm 1$$