B) a, b ∈ R well 00 ≤ \frac{b-a}{1-ab} ≤ 1  
B\) a, b ∈ R well 0\\$\\$0 ≤ \\(\frac{a}{1+b} + \frac{b}{1+a}\\) ≤ 1\\$\\$
  
 \\$0 ≤ \\(\frac{a}{1+b} + \frac{b}{1+a}\\) ≤ 1\\$   
 \\$0 ≤ b < 1\\$  ita > 1  
 \\$0 ≤ b \\(1+a\\) ≤ 1+a\\$   
 \\$0 ≤ b < 1+a > 1\\$   
 \\$0 ≤ b \\(1+a\\) ≤ 1+a\\$   
 \\$0 ≤ b < 1+a > 1\\$   
 \\$0 ≤ b < 1+a > 1\\$   
 \\$0 ≤ b < 1-a > 0\\$   
 \\$0 ≤ 1 = 1-ab > 0\\$   
 \\$0 ≤ 1 = 1-ab > 0\\$   
 \\$0 ≤ 1 = 1-ab > 0\\$   
 \\$0 = 1: 1-ab > 0\\$   
 \\$0 ≤ 1 = 3 = 0 = 1 \Rightarrow a < 1, b = 1\\$   
 \\$0 = 1: \\(-ab = 0 \Rightarrow ab = 1 \Rightarrow a < 1, b = 1\\$   
 \\$0 = 1: \\(-ab = 0 \Rightarrow ab = 1 \Rightarrow a < 1, b = 1\\$   
 \\$0 = 1: \\(-ab = 0 \Rightarrow ab = 1 \Rightarrow a < 1, b = 1\\$   
 \\$0 = 1: \\(-ab > 0 = x + y > 0\\)\\$   
 \\$0 = 1 \Rightarrow a < 1, b = 1\\$   
 \\$0 = 1: \\(-ab > 0 = x + y > 0\\)\\$   
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 \\$0 = 1 \Rightarrow a\\$

$$\begin{array}{c} \underbrace{H_{uv}t} := \frac{W_{u}o_{u}}{x \geq y} \Rightarrow \sqrt{x} \geq \sqrt{y}^{2} \\ \Rightarrow \frac{1}{\sqrt{y}} \geq \frac{1}{\sqrt{x}} \\ = \frac{1}{\sqrt{y}} \geq \frac{1}{\sqrt{y}} \\ = \sqrt{x} \sqrt{\frac{1}{y}} + \sqrt{y} \sqrt{\frac{1}{x}} \geq \sqrt{x} \sqrt{\frac{1}{y}} + \sqrt{y} \sqrt{\frac{1}{y}} \\ = \sqrt{x} \sqrt{\frac{1}{y}} + \sqrt{y} \sqrt{\frac{1}{x}} \geq \sqrt{x} + \sqrt{y} \\ = \sqrt{x} \sqrt{\frac{1}{y}} - \sqrt{x} + \sqrt{y} \\ = \sqrt{x} \sqrt{\frac{1}{y}} - \sqrt{x} + \sqrt{y} = \sqrt{x} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \\ = \sqrt{x} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \sqrt{\frac{1}{y}} \\ = \sqrt{x} \sqrt{\frac{1}{y}} \sqrt{\frac{1}$$

Howe work  
How Let 
$$a, b, c, d$$
 be real numbers with  $a + d = b + c$   
Prove that,  
 $(a-b)(c-d) + (a-c)(b-d) + (d-a)(b-c) > 0$