

$$f = \frac{a^2 + b^2 + m}{m} \Rightarrow$$

$(m+1)$

$$f(m) = \frac{a^2 + b^2 + m}{m}$$

$$f(m) = \frac{a^2 + b^2 + m}{m} = \frac{a^2}{m} + \frac{b^2}{m} + 1$$

$$\Delta \rightarrow m_1, m_2, \dots, m_n$$

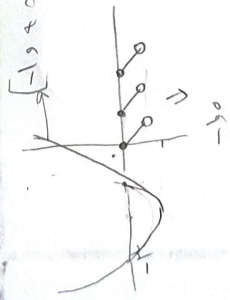
$$m \leq 3$$

$$m_1, m_2, \dots, m_n = m$$

$$R_f = [x_1 + \infty)$$



$$R_f = (-1, \infty)$$



$$f = \frac{a^2 + b^2 + m}{m} \Rightarrow \frac{a^2}{m} + \frac{b^2}{m} + 1$$

$$b = \frac{1}{m} \Rightarrow \frac{1}{m} = \frac{1}{m} \Rightarrow \frac{1}{m} = \frac{1}{m}$$

$$ab = \frac{1}{m} \times \frac{1}{m} = \frac{1}{m^2}$$

$$f(m) = \frac{a^2 + b^2 + m}{m} = \frac{a^2}{m} + \frac{b^2}{m} + 1$$

$$f(m) = \frac{a^2 + b^2 + m}{m} = \frac{a^2}{m} + \frac{b^2}{m} + 1$$

$$R_f = [x_1 + \infty)$$