$$f(x) = a_{n}x^{n} + a_{n-1}x^{n} + ... + a_{n}x^{n} + a_{n}x + a_{n}$$

$$n = \text{non-negative real number}$$

$$a_{0}, a_{1}, ..., a_{n} = \text{coerricents of Polynamial}$$

$$Oonain (-\infty, \infty)$$

$$f(x) = mx + b , f(x) = |mx + b|$$

$$n = 1$$

$$a_{1}m$$

$$a_{0} = b$$

$$f(x) = 2x^{2} - 1 , f(x) = 2x^{2} + 0 + (-1)$$

$$a_{1} = 0$$

$$a_{2} = 2$$

$$a_{1} = 0$$

$$a_{2} = 0$$

$$a_{2} = 0$$

$$a_{3} = 0$$

$$a_{4} = 0$$

$$a_{4} = 0$$

$$a_{4} = 0$$

$$a_{5} = 0$$

$$a_{6} = 0$$

$$a_{7} = 0$$

$$a$$



