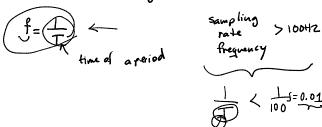
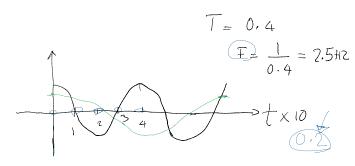


frequency:

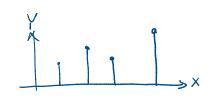
occurrences of a repealing event per unit of time.

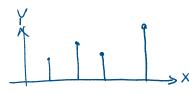




Sampling > 5HZ Rate

$$T < \frac{1}{5} = 0.2$$





linear line segment

F(x)

F(x)

Linear intopolar

X1 X2

$$F(X) = \alpha F(x_1) + (1-\alpha) F(x_2) - \frac{x-x_2}{x_1-x_2} F(x_1) + \frac{x_1-x}{x_1-x_2} F(x_2)$$

$$T(X) = \alpha H(x_1) + (1-\alpha) T(x_2)$$

$$\chi = \alpha X_1 + (1-\alpha) \chi_2 \Rightarrow \chi = \alpha X_1 - \alpha x_2 + \chi_2$$

$$\chi = \chi_1 - \chi_2 = \alpha (x_1 - x_2)$$

$$\chi = \chi_1 - \chi_2 = \chi_1 - \chi_2$$

$$\chi = \chi_1 - \chi_2 = \chi_1 - \chi_2$$

$$\chi_1 - \chi_2 = \chi_1 - \chi_2$$