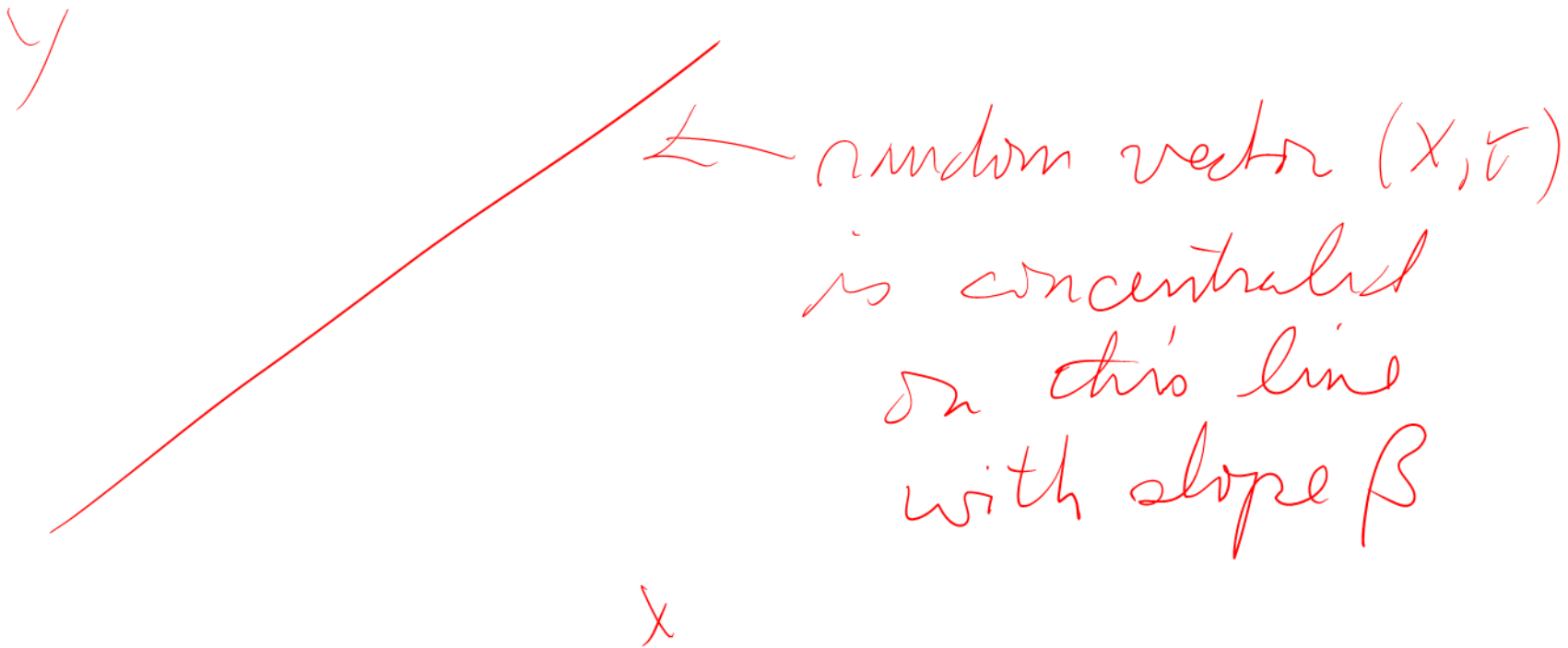
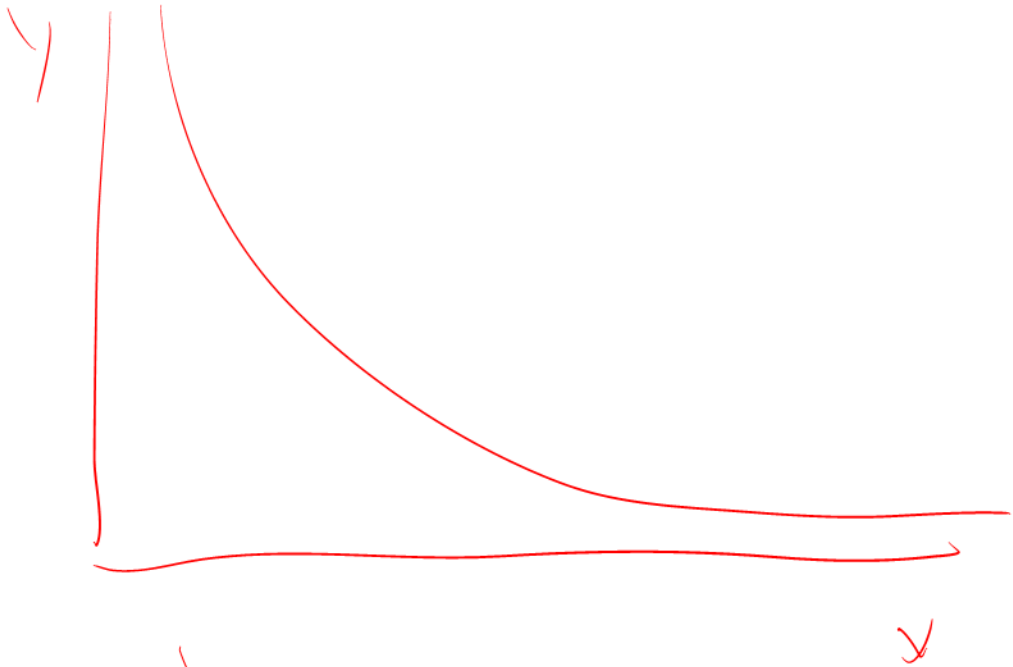


$$\beta = \text{cor}(X, Y) \frac{\text{sd}(Y)}{\text{sd}(X)}$$

$\text{cor}(X, Y)^2 = 1$ implies $Y = \beta X + \text{const.}$
almost surely



$$y = \frac{1}{x}$$



asymptote

