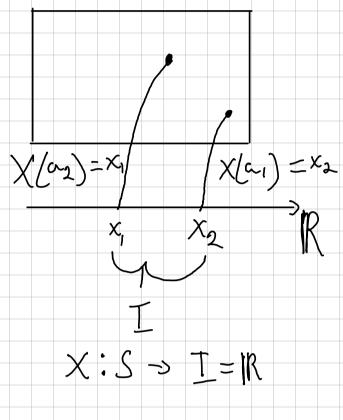
Kontinuerte stokastiske variable

Sample space



5x(x): Pd5

probability Density Function

5x(x) = Sandsynlighedstethed. $\int_{-\infty}^{\infty} \frac{x}{x^{2}} + x = 0$ $\int_{-\infty}^{\infty} \frac{(x)}{x^{2}} dx = 0$ $\int_{-\infty}^{\infty} \frac{(x)}{x^{2}} dx = 0$

 $P(X \in [x, x+x\Delta] = S_{x}(x)$ $P(X \in [a,b] = \int_{a}^{b} f(x)dx$ Sor at fa Sansuplight

$$\int_{X} (x) dx = 1 \qquad \int_{X} x$$

$$= \int_{X} (x) dx = 0$$

$$= \int_{X} (x) dx = 0$$