4. Q: Se
$$f \in L^{+} e$$

entro

$$\mu(IxeX : f(x)=+\infty)=0$$

RES:

De fato, Considere

$$En=\{xeX; f(x)>n\}$$

Note que $n : X_{En} < f$

Além derso, note que

$$E_{n+1} < 2xeX : f(x)>n+1\} < \{xeX; f(x)>n\} = E_{n}, th$$

$$expression = \sum_{n=1}^{\infty} xeX : f(x)=+\infty = \sum_{n=1}^{\infty} xeX = \sum_{n=1}^{\infty} xe$$