Q1. @ { 
$$v: -\omega < v < \omega$$
 } = (-0, \(\nu\))

(b) { (\(\nu, \nu\): 0 \le \(\nu \) \(\nu \) \(\nu\): 0 \(\nu\) \(\nu\): 0 \(\nu\) \(\nu\): 0 \(\nu\): \(\nu\):

= P(A1) P(A2+A3) So A1 a) A2+A3

or transformation

are independent

are independent

X: S > R the demain commits g out g all outermes and the varge B) Condition: a sall real numbers.

(b) Condition: 2, Distribution functions (CDF/PDF) should exist be for any read x 1 5: x (s) < x } should be an event in the sample space with some assigned probability.

$$\frac{04.}{1+x^{1/2}} = 5$$

$$f_{x}(x)$$









