Z'me of 2MAST

- 1) Parobability Generating function (PGF) (7-tananto)
- 2 Moment Generating which (MGF) (Laplace)
- (2) Characteristic Cremerating fun (CCF) (Fourier)

These toransform techniques are at some level, we can think of some frequency domain techniques.

to Just Like in Signals and system's, we have time domain techniquen's, and some techniqueny of the penetrology of the character of all over POF's and think are some land of time domain touching and there touchers touch of the course to the course to the course of the course to the course of the course to the cou

(mechemoreT-F)

Parobability Generating function (PCIF)

Used foor discrete 21.01,2.

Let X be an integer valued or.v. Then

$$C(x=i)$$

Generally 2 would be complex rumper.

Couralbura;

Fost an non-negative volved 51.0.

IR , Possible +00, S.4 Hu PGF converges
for V2 S.4 121 LR, and diverges for
1717R.

Example 1

X er Polition and

Example ?

Paroportion of PUF

$$C^{5}(5) = C^{3}(5) C^{3}(5)$$