

-> Poisson distribution

Scanned with CamScanner

Consist of rannyalive

-> Exponential

Goddinal probability

$$P(E|F) = \frac{P(E \cap F)}{P(F)}$$

S: $\{1,2|3,4|5,6\}$

$$A = \{1|3,5\}$$

$$B = \{1,2\}$$

$$P(B \cap A) = \frac{1}{3} = \frac{P(A \cap B)}{P(A)} = \frac{1}{32|B} - \frac{1}{3}$$

4 White 3 yellow one green without replacement ond one yellow one yellow one yellow

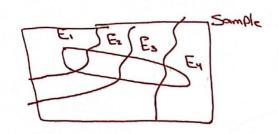
$$P(w|w) = \frac{1}{3} + \frac{1}{$$



أنه الدي الحريوش الى سعده (خمالمنا ل الى خات with replace المنا ل الله المالية المالية الله المالية المالية ا D(EIF) = P(E) Citation For independent events P(ENF) = P(E) - P(F) Die -> 1-56 @ GIN ____ #IT 3 P (18H N.W) = P(1). P(H). P(W) لا لايومبرانتياد = 16 * 12 * 4 $I = (T \mid c)$ Coin -> tossed repeatedly until the Pirst tail appear what P(tail) in 3th trail 1-1- shead P(h) = = =

T -> tail p(t) = 1/2 P(h). P(h). P(h). P(h) . P(t)

Law of total probability



mutually Exclusive

deledive

4 %

2%

1 %.

P(I)= 0.4

P(D|I) = 0.02

P(1) = 0.5

P(11): 0.1

P(0/I) = 0.04



P(DITE) = 0.01

