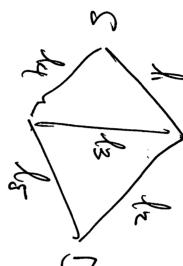
018 9373 22 Feb 2018



	~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1
3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1

1111	1, 1, 2, 2, de la como o o o o o o o o o o o o o o o o o
	000
PS	9-16-17-8 (1-6)-16

limpes ind, work with 6 gard

(1111 an11 10011 10011 } = 0 = 5

00011,00111,00011,-

(110) (010) 01110,01111) - 3

P(S=D)= P(11000) + P(11001) +- ... = p2(1-p)3 + p3(1-p)2+-- ...

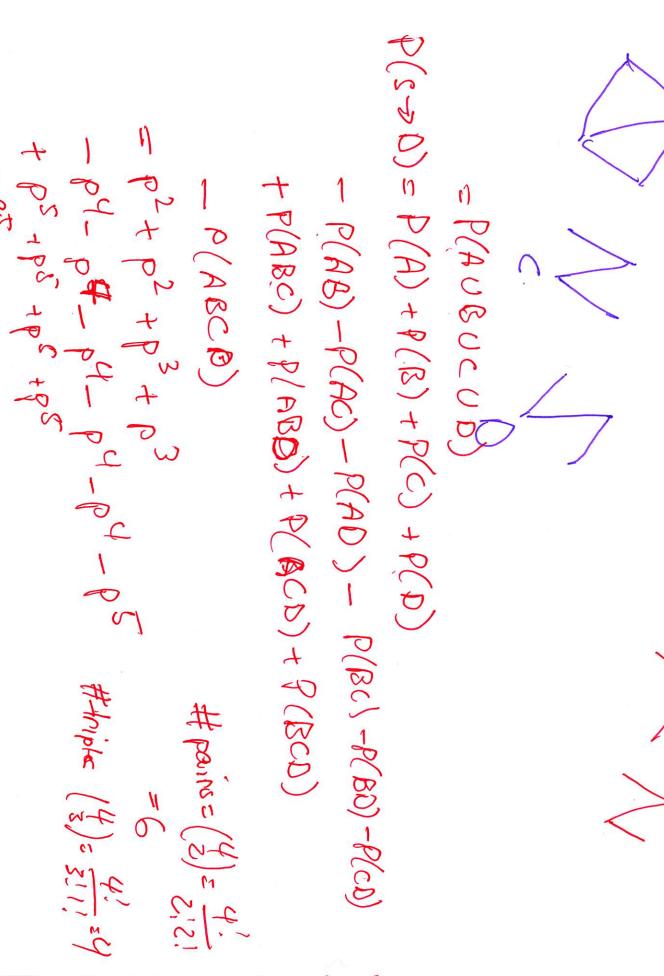
are A+Bind?

P(A)= p2(+p) + p3(1-p)2+ -1 + p5 A= {11000 111001, ... 11111} 102(1-p)2(+p+p)

= p2(p3+ p2(4p)++ p2(+p)+p2(+p)++(+p)3 = p2 (p3+ p2(4p)+++ p2(+p)+p2(+p)++(+p)3

B= { ly= (and ls= 1} => P(B)= p2 A= { list and los1} => P(A) = p2

P(AB)= pt = P(A)P(B) = P2== P AB= {11011, 111113 P(AB)= p4(1-p+p)=p4



P (no birthday in comment) = 1-P (commen birthday) 9(3)= 9(2)× 363 Birthday Robben 2(4)= 9(2)= 364 365 \$(4) = 9(3) x 362 buthay in commens of a pain a triple, pour atriple コタイト) generalise to 11 days in 9(K)C(x 364 363 x 362 x ... 365-4 L people in room Q(k)=n(n-1)-(n-k+1)=(n) v.v. ∴ × (x) 2 pains

300 TO YOUR TO A STATE OF THE PARTY

comps = (k)= (n-k); k! # perms = n! = $n(n-1) \cdots (n-k+1)$ n/=n(n-1)(n-2)-2.1of k items selected from in \$ (0-K) d

H ways of science K Hours ordered & al repl 11 ス ス