

9/1	Check wikipedia for convolution.	
	Beru(P) = (x) p (1-p) -x	4.7
	(X) (()	Fuels
	1 8280,13	
	1 12 13	6
- 1. 3	1-X \/ \	
	p(t) = } (\ \ \ \ \ \ \	- [(0,1)
₹ .*		
- 5 d - V	K= {0/13	
	3 5.77	
1	t (1-0)2-t 5 (1) 1- ot (1-1)2-t (1) 1	111)
	$\int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t}\right)^{2} + \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} = \int_{\{\xi \in \{0,1\}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}^{2}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}^{2}^{2}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}^{2}^{2}}^{2} + \int_{\{\xi \in \{0,1\}^{2}^{2}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}^{2}^{2}}^{2} \left(\frac{1}{t-x}\right)^{2} + \int_{\{\xi \in \{0,1\}^{2}^{2}}^{2} + \int_{\{\xi \in \{0,1\}^{2}^{2}^{2}}^{2} + \int_{\{\xi \in \{0,1\}^$	(t-1)
	(2,50,1)	- 2
	Pascal's Identity	(4)
100000000000000000000000000000000000000		pusce)
#	$\binom{N-1}{k} + \binom{N-1}{k-1} = \binom{N}{k}$	
and the same street and th		
And the second s	1,11/2, X3 1/2 Bern (P)	
27	ALTES	
	[= X, + Y2 + x3 = X3 + T3	
5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5		
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The same areas a second processor		

9/4 $p(t) = \frac{1}{2} \left(\binom{1}{x} p^{x} (1-p)^{1-x} \right) \left(\frac{2}{t-x} p^{x} (1-p) \right)$ $= \rho^{-\frac{1}{2}} (1-\rho)^{3-t} \begin{cases} 1 \\ 2 \\ 2 \end{cases} (x) (\frac{2}{t-x}) = (\frac{2}{t}) + (\frac{2}{t-1}) - (\frac{3}{t-1})$ = (3) + (1-p) = Binomial (3,p) Y, X ~ Dinon (n,p) = (x) p*(1-p) n-x $T = \chi_1 + \chi_2 \sim \left\{ \left(\begin{pmatrix} n \\ x \end{pmatrix} \right) p^{\kappa} \left(1 - p \right)^{n-\kappa} \left(\begin{pmatrix} n \\ t - x \end{pmatrix} \right) p^{\kappa} \left(1 - p \right) \right\}$ $= \rho \left(\left| \frac{1-\rho}{\rho} \right|^{2n-\epsilon} \sum_{x=0}^{n} \left(\frac{n}{x} \right) \left(\frac{n}{t-x} \right)$ $\frac{2n}{t} p^{t} (1-p)^{2n-t}$ $\frac{2n}{t} p^{t} (1-p)^{2n-t}$ = Binemial (2n,p)

9/4 geometric Bern (P) X = # of zerves realized before the first one = geometric(P) 110 beo (p) TEINO

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2 1 2 x = 5 1 x s + - 1 + 1 + 1 = + 1 = + p(4) = 5 (1-P) 4 2 Expriment # 100001,

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Prub 001001 $T = X_1 + X_2 + X_3 = X_3 + T_2$ $T_2 = (X_1 + X_2)$ p(t)= {(1-p)*p)(+-x+1)(1-p) +x 2 1/2 tx 2 N. XEINO = (1-p) p & (t-x+1) 1 t-xx & No. = \$\left(t+1) \mathfrac{1}{4} \times \varepsilon \nu \times \nu \t 7 (+1) & 1 x & + 1 X & 1 No

