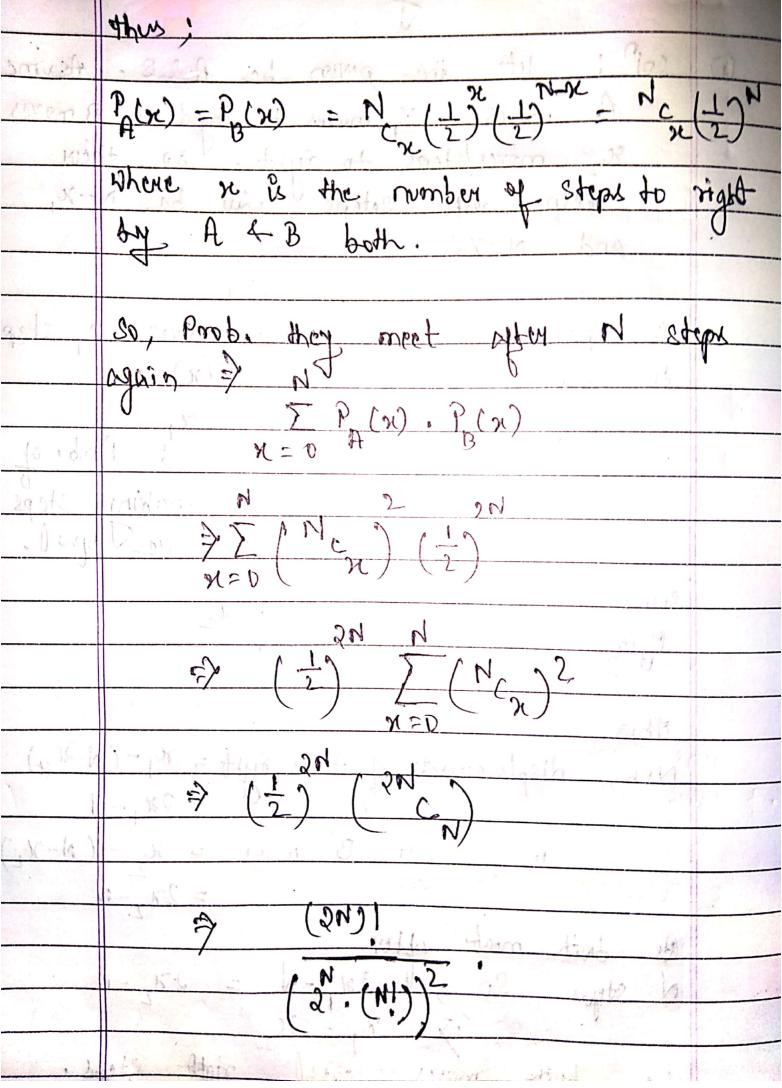
	Computational stinking: (Lecture: 1)
	V weip!
0	sol: let the pures be A&B. Assume
CL	A moves & moves to right & B moves
	sty moves/steps to sight. 30, their
Thorr	A moves x moves to right & B moves * moves/steps to right. so their * resp. left sateps will be N-x, and N-x2.
	and N-x2.
10	So, probability for A to moves x, steps to night out of N = P(x)
	to might but of N = P(x)
	2 P (2)
	$\frac{1}{2}\left(\frac{1}{2}\right)\left(\frac{1}{2}\right)$
	making steps
	$\frac{2}{2} \frac{1}{2} \frac{1}$
	Similarly tem 15;
	$P_{G(x)} = N_{C_{x}} \left(\frac{1}{2}\right)^{x_{2}} \left(\frac{1}{2}\right)^{x_{2}}$
	The
	Now, displacement of A to sight = x1 - (N-X1)
	0 = 2x1-N
	11 11 B 11 11 = x - (N-X2)
	= 2x - N
	He good week often
	N 3type So 1 2st -N = 271 -N
	The second secon
	ive both moves equal right stops.



Related Russians :of or stirly (3) what is the prob. for a drunk (1) to be at the origin after taking He know puols of taking a steps to right from N stype J = P(x) $P(x) = N_{CR}(\frac{1}{2})$; equal puols. for lyth right so, in N is odd then prob. to mill not be zero & obviously not passible. Word W= cred $= \frac{P(x = \sqrt{2})}{(\sqrt{2})!}(\frac{1}{2})$ reg. prob. MEAN Sp. Displacement of the Brownk?

