		DATE; 1 1
0	$\cos(A-B) = \cos A\cos$	B+SinAs
	$\sin Q = \sin \left(\frac{7}{2} - 0\right)$	
	Sin (A+B) = 608 / 1-(A	1413)
	= cos (fil-A)-B)	
	(DS(T)-A) (OSB + Sin (T)-F	Sink
	SinAcosB+cosAsinB)	
\bigcirc	$\left(\frac{1}{\sqrt{12}} \right)$	
Xr	$\frac{1}{2}$	
	(05 (-(1)-2)	
	= $\cos\left(\frac{\pi}{2}-x\right)$ (an even	Junctin
	= [Sinx] so tore of is this	sine wall

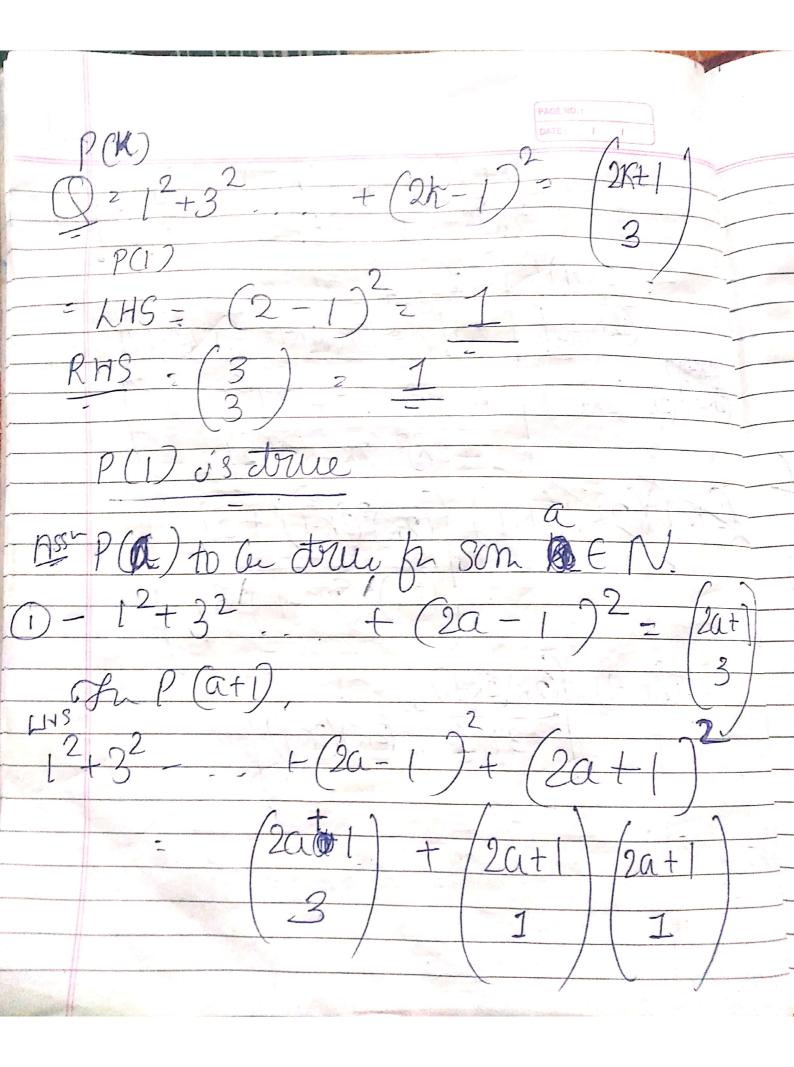
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pa). P(1) is true Assume P(K) to be ctrue for An On + (2K 2K+1 2

2K+1! + (2K+1)! (2K+1) 31(2K-2)! 11 2K1 (2K+1)/ (2K)(2K-1) (2K)(2K-1)2K-2) $(2\kappa)^2(2\kappa-1)^2+3!$ (2K)(2K+1 $(2\kappa)^2(2\kappa-1)^23/$ $(2\kappa)^2(2\kappa-1)^2+31$ (2K) (2K-1) 13/ (2K)(2K-1)



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PAGE NO.: 4+422+16=0 = 22 th ASSUMe 7 16 -4×16 + 48 = -4±451; = 62±3 $x^{2} = -2 \pm 2\sqrt{3}i, \quad x^{2} = -2 - 2\sqrt{3}i$ $x^{4} = -4\sqrt{2} - 4\sqrt{3}i$ $x = \pm \sqrt{-2} \pm 2\sqrt{3}i$ $x = \pm \sqrt{-2} \pm 2\sqrt{3}i$