

Course

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* Course / 1. Algebra of complex numbers. Integration and differentiation of functions of complex variables. / Dedicated problems

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oblem 1.9				
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	ue Oct 24, 2020 20:00 EDT			
Problem 1	.9			
0.0/4.0 points (g				
Consider a fur	action of a natural number n	defined by the following integral.		
	$p\left(n\right)$	$(z)=rac{1}{2\pi i}\int_{\mathcal{C}}dz z^{-1-n}\prod_{k=1}^{\infty}rac{1}{1-z^k}$	$\frac{1}{2}$,	
whore C is a c	ircle of a radius smaller than	unity and show that $p\left(n ight)$ is natu	ral numbor	
WHERE C IS a C	ircle of a radius sinalier than	unity and show that $p(n)$ is hatu	arnamber.	
Evaluate p(1)				
Evaluato p(4)				
Evaluate p(4)				
	You have used 0 of 6 attempts			
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