

Course **Progress** 

<u>Wiki</u> <u>Dates</u> **Discussion** 

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

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oblem 1	.8			
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Homowork	due Oct 24, 2020 20:00 EDT			
Problem				
0.0/4.0 points Calculate th				
		$\int_{\mathcal{C}} rac{y dx - x dy}{x^2 + y^2}$		
along the u complex ur	nit circle ${\cal C}$ counterclockwise nity and pi for $\pi$ .	in the complex plane $z=x+i$	y, centered at different po	ints. Use i for
1) Circle cer	ntered at $z=0.$			
2) Circle cer	ntered at $z=2$			
Submit	You have used 0 of 6 attempts			
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