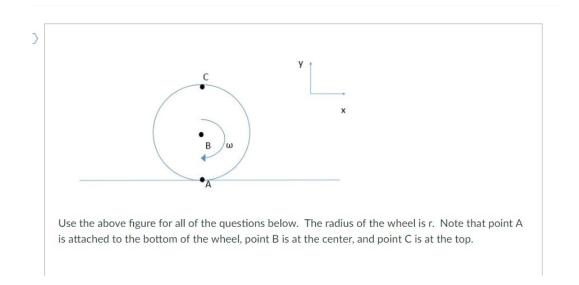
quizz 9, ME 240 Dynamics, Fall 2017

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0.1 Problem 1

Question 1	1 pts
Assume the wheel is traveling to the right and rolling without slip. What is the velocity at po	int C?
$\odot 2r\omega$	
\circ $_{r\omega^2}$	
\circ $r\omega$	
not enough information	

 $2r\omega$

0.2 Problem 2

1 pts
ous

Point B

0.3 Problem 3

Question 3	1 pts
For a wheel that is slipping such that the velocity of B is zero. How are the velocities of point and C related?	t A
Equal magnitude opposite direction	
Equal magnitude and same direction	
o relationship	
none of the above	

Equal and opposit

0.4 Problem 4

Question 4	1 pts
Assume the wheel is traveling to the right and rolling with slip. The angular velocity of the w points in direction shown in the figure.	heel
Where is the instantaneous center of velocity for the wheel located?	
Between points A and B	
Point A	
Point B	
O Point C	
Not enough information	

Between A and B