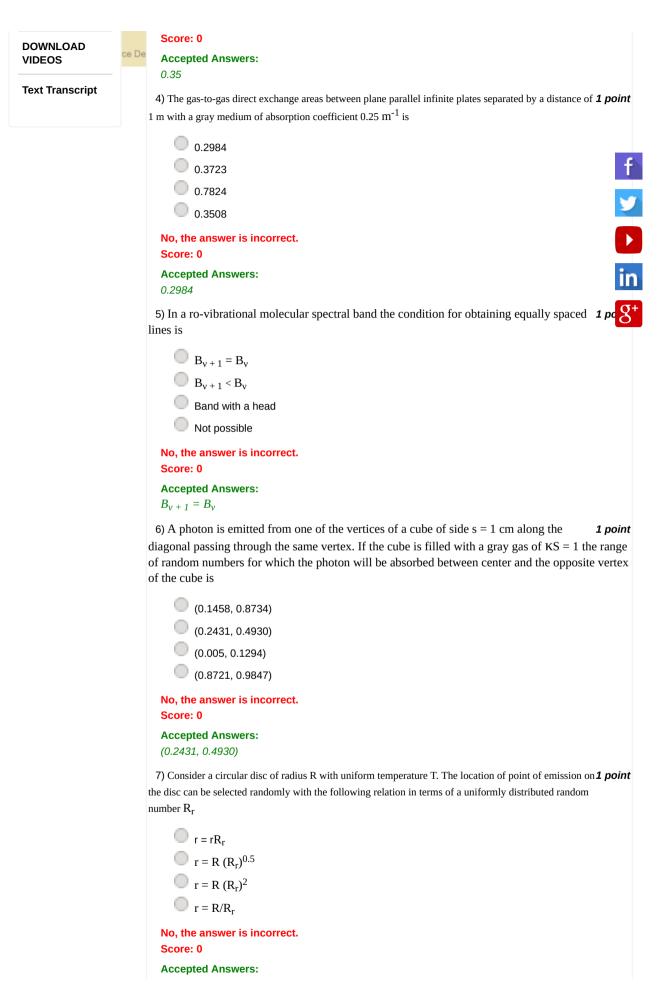


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## Radiative Heat Transfer - - Unit 7 - Week 6



$r = R \ (R_r)^{0.5}$		
8) In above problem the angular location $\phi$ of point of emis	sion can be determined with	1 poir
$\bigcirc \phi = 2\pi R_{\phi}$		
$  \phi = 2\pi R_{\phi} $ $  \phi = \pi R_{\phi} $		
$\bigcirc \varphi = 2\pi (R_{\varphi})^{0.5}$		
$\bigcirc \phi = 2\pi R^2_{\phi}$		
No, the answer is incorrect.		
Score: 0		
Accepted Answers: $\varphi = 2\pi R_{\varphi}$		
<ul> <li>9) The absorption spectrum of a certain gas becomes smoot pressure because of</li> </ul>	her with increase in total	1 рс
More number of spectral lines at higher pressure	re	
Larger broadening at high pressure		
Less number of spectral lines at higher pressure	e	
Smaller broadening at high pressure		
No, the answer is incorrect.		
Score: 0		
Accepted Answers: Larger broadening at high pressure		
10)The wavelength of a spectral line of a rotational ban quantum number j = 0 is (Assume moment of inertia of		
🔘 660 μm		
1070 μm		
1220 μm		
2610 μm		
No, the answer is incorrect. Score: 0		
<b>Accepted Answers:</b> 2610 μm		
	End	

f > in 8<sup>+</sup>