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Spray Theory - - Unit 7 - Week 6: Atomization theory

Planar Liquid Sheet instability	4) For the above question, m =0 give rise to	1 point
-2	axisymmetric mode	
Quiz : Assignment 6	\bigcirc translated by η_0	
• Week - 6	dumbbell shape	
Feedback Form	none of the above	
Week 7: Spray theory	No, the answer is incorrect. Score: 0	8
Week 8: Spray theory	Accepted Answers: axisymmetric mode	4
Week 9:	5) For the above question the disturbance is a	1 poim
Practical	constant	
aspects of atomizer	exponent	2
fabrication and	function of θ	
manufacturing	none of the above	
Week 10: Multiphase flow	No, the answer is incorrect.	
models of	Score: 0	
sprays	Accepted Answers:	
Week 11:	constant	
Multiphase flow models of	6) If the radius of the cylindrical column of water exiting a bathroom faucet is 10mm, what	1 point
sprays	could be the likely radius of the spherical drop formed from that column?	
Week 12: Spray	42.3mm	
evaporation and	10.6mm	
combustion	21.1mm	
DOWNLOAD	31.7mm	
VIDEOS	No, the answer is incorrect.	
	Score: 0	
	Accepted Answers:	
	21.1mm	
	7) The infinitely long cylindrical liquid jet is at Rayleigh's condition, the azimuthal wave numb (m) is greater than zero then the growth rate (ω) will	oer 1 point
	be constant	
	grow	
	decay	
	become zero	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	decay	
	8) In the planar liquid sheet instability, the mode which is usually responsible for thinning and thickening of the liquid sheet is known as	d 1 point
	sinuous mode	
	 sino-varicose mode varicose mode 	

none of the above		
No, the answer is incorrect. Score: 0		
Accepted Answers: varicose mode		
9) The gaseous sheet enters a quiescent liquid refer to which of the following modes of instability?		
 varicose mode sinuous mode 	ß	
sino-varicose mode none of the above		
No, the answer is incorrect. Score: 0		
Accepted Answers: varicose mode	2	
10)n the planar liquid sheet instability the most unstable wave number grows	1 point	
 along the flow direction x perpendicular to the flow direction y into the z- direction all the above 		
No, the answer is incorrect. Score: 0		
Accepted Answers: along the flow direction x		

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