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Symmetry and Structure in the Solid State - - Un...

Notations.	4188	
Interaction Session	4) Find out total number of possible reflections in a limiting sphere of a tetragonal crystal with $\lambda = 2^{A}$.	2 points
Text Transcripts	0 1094	
Basics of X Ray Diffraction 1	 2094 3094 	
Basics of X Ray Diffraction 2	 262 No, the answer is incorrect. Score: 0 	R
Bragg's Law in Reciprocal Space	Accepted Answers: 2094	ß
Diffraction and Reciprocal Space (Continued)	5) A crystal has a set of reflections (1,1,1), (2,0,0), (2,2,0), (3,1,1) and (2,2,2) a observed from X-ray diffraction. Find out the lattice type.	2 poins
C Limits of Resolution		
Concept of Structure Factors	◯ c	
Systematic Absences 1	No, the answer is incorrect. Score: 0 Accepted Answers:	
Systematic Absences 2	F	0
Quiz : Week 9 - Assignment 9	6) Identify the space group of a crystal from the reflections present 200, 020, 002, 400, 040, 004, 800, 060, 008	2 points
Structure Determination Methodologies 1	$P_{1}^{2}_{1}^{2}_{1}$ $P_{2}^{1}_{1}^{2}_{1}$ $P_{2}^{1}_{1}^{2}_{1}$ $P_{2}^{1}_{1}^{2}_{1}$	
Structure Determination Methodologies 2	I2 ₁ 2 ₁ 2 ₁ 2 ₁ No, the answer is incorrect.	
Powder Diffraction Method & Quantum Crystallography	Score: 0 Accepted Answers: $P2_12_12_1$	2 points
	Pc P21 P21/C C2/c No, the answer is incorrect. Score: 0 Accepted Answers: $P2_1/C$	
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