
Syllabus

Course Code	PHY8305	* Teaching Hours	32	* Credits	2
* Course Name	Computational Material Physics				
* Instruction Language	Chinese				
* School	School of Physics and Astronomy				

Prerequisite

	6	3.3 3.4	GGA	2	lecture	
	7	4.1 4.2		2	lecture	
	8	4.3 4.4	K-S	2	lecture	
	9	5.1 5.2 Chadi-Cohen		2	lecture	
	10	5.3 Monkhorst-Pack 5.4		2	lecture	
	11	6.1 6.2 Broyden		2	lecture	
	12	7.1 7.2		2	lecture	
	13			2	experiment	
	14			2	experiment	
	15			2	experiment	
	16			2	experiment	
	17-18					
	1					
	2					
*	Grading Policy	3 Atom.ini				
		4 input				input
		5 r_c		r_c		
		6 k			k	
		7 E_{cut}			E_{cut}	
		8		/		
		9				
*	Textbooks & References	R. M. Martin Electronic Structure - Basic Theory and Practical Methods				
	Notes					

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