

科目名	Course Title
物理学演習4(Physics Tutorial IV)	
学科・専攻	Department/Program
G30 Physics	
受講年次	Grade
3rd	
授業形態	Class style
必修・選択の別	Compulsory or Elective
演習	* See "Remarks"
時間割コード	Registration code
0680330	
開講期・曜日・時限	Semester, Day & Period
春学期 金 : 3・4	
単位数	Credit
1	
科目区分	Course type
Specialized Course	
担当教員	Instructor
矢田 圭司(YADA Keiji)	
所属研究室	Laboratory
連絡先	Contact
居室	Room
担当教員	Instructor
川崎 猛史(KAWASAKI Takeshi)	
所属研究室	Laboratory
連絡先	Contact
居室	Room
担当教員	Instructor
寺田 智樹(TERADA Tomoki)	
所属研究室	Laboratory
連絡先	Contact
居室	Room

講義の目的とねらい	Course purpose
The purpose of these tutorials is to support the quantum mechanics lecture course. This course offers a solid introduction to quantum mechanics. It also introduces fundamental mathematical methods required to solve problems in quantum mechanics.	
履修要件	Prerequisite
quantum mechanics, mechanics, mathematics	
履修取り下げについて	Course withdrawal
<可否> Possible <条件> Ask to the instructor.	

成績評価	Grading
Students must submit assignments and obtain a score of 60/100 or higher to pass this tutorial course.	
不可 (F) と欠席の基準	Criteria for "Absent" & "Fail" grades
Ask to the instructor.	
関連する科目	Related courses
教室	Class room
Check the Course Timetable.	

授業内容	Content
<p>Students will be assigned problems on the following:</p> <ul style="list-style-type: none"> • Wave-particle duality of the elementary particle. • Schrodinger equation. • Copenhagen interpretation of the wave function. • Symmetry and conservation law. 	

教科書	Textbook
Modern Quantum Mechanics (J. J. Sakurai)	
参考書	Recommended reading
連絡方法	Contact method
Students are encouraged to ask questions and discuss problems in this class.	
その他	Remarks
*See Course List and Graduation Requirements for your program for your enrollment year.	