

Syllabus: PHY351 (Mathematical Physics II)

Eunil Won

March 2nd, 2006

- **Office Hour**

Mondays 1:00 pm - 2:00 pm. In Asan Science building, Physics Cafe (4th floor)

- **Lecturer**

Eunil Won

Assistant Prof. of Physics

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- **About the lecture**

The lecture will be given in English. **No high level English skill** is required in order to understand the contents (the lecturer does not have it either). The lecturer will try to speak slowly but clearly. In principle, **no language other than English** is expected during the class with an exception during office hours. We are planning to cover various special functions.

- **Grading**

Total 300 = 100 (mid term) + 100 (final) + 50 (recitation) + 50 (attendance)

- **Textbook**

Arfken, *Mathematical Methods for Physicists*, 6th edition

- **References**

Mary L. Boas, *Mathematical Methods in the Physical Sciences*

- **Portal**

<http://particle.korea.ac.kr/> is the web site for the distribution of the lecture related information.

Time Table for PHYS222 (2006)

Week	Dates	Chapter	Comments
01	March week 1	Ch 10	
02	March week 2	Ch 10	
03	March week 3	Ch 11	
04	March week 4	Ch 11	
05	April week 1	Ch 11	
1st exam 06	April week 2	Ch 12	
07	April week 3	Ch 12	
08	April week 4	Ch 13	
09	May week 1	Ch 13	
10	May week 2	Ch 14	
11	May week 3	Ch 14	
12	May week 4	Ch 15	
2nd exam 13	June week 1	Ch 15	
14	June week 2	Ch 16	
15	June week 3	Ch 16	
16	June week 4	Ch 16	
16	July week 1	Ch 16	
final exam			