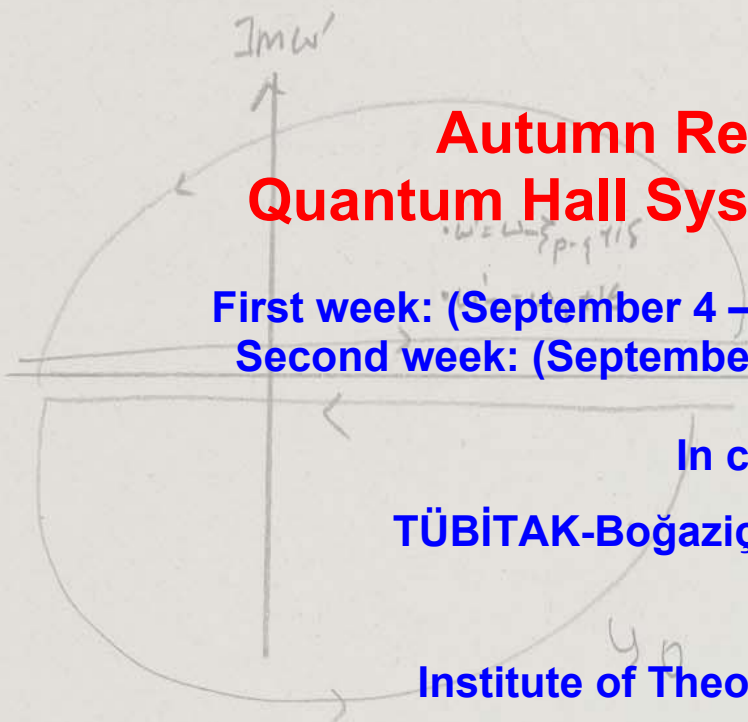


$$IV: = - \frac{\theta(\xi_{p-q})}{\omega - \omega_q - \xi_{p-q}} \int_{-\infty}^{\infty} \frac{d\omega'}{2\pi} \left[\frac{1}{-\omega + \omega_q + \xi_{p-q} + i\epsilon} + \frac{1}{\omega + \omega_q + i\epsilon} \right]$$

YMFEC - 2006-III

Advanced Concepts in Condensed Matter Physics



Autumn Research School on Quantum Hall Systems and Quantum Dots

First week: (September 4 – 9 2006) Feza Gürsey Institute/Istanbul

Second week: (September 11 – 15 2006) ITAP/Marmaris

In collaboration of

TÜBİTAK-Boğaziçi Univ. Feza Gürsey Institute

and

Institute of Theoretical and Applied Physics

<http://www.gursey.gov.tr>

<http://www.akademionline.net/ctap/iam.html>

ADDRESS for APPLICATIONS:

YMFEC 2006, Fizik Bölümü, Bilkent Üniversitesi, Ankara, 06800

INQUIRIES by E-MAIL:

hakioglu@fen.bilkent.edu.tr

DECISION on APPLICATIONS: August 11 2006 17:30 by e-mail

Registration Fee (to be paid on site): 65 Euro for graduate students, 100 Euro for post doctoral scientists

SUPPORT: Local lodging facilities will be provided by Feza Gürsey Institute and ITAP free of charge.

Lecturers:

Florian Marquardt
Aff Siddiki
Eleonora Storage

(Ludwig Maximillian Üniversitesi, Münih,Almanya)
(Ludwig Maximillian Üniversitesi, Münih,Almanya)
(Max-Planck Enstitüsü, Stuttgart, Almanya)

program

Advanced Quantum Mechanics I (Marquardt)	M	Advanced Quantum Mechanics (Marquardt)
Landauer-Buttiker Formalism (Marquardt)	T	Quantum Hall Effect-I (Siddiki)
Quantum Hall Effect-II (Siddiki)	Wd	Free time
Quantum Hall Effect-III (Siddiki)	Th	Quantum Hall Effect-IV (Siddiki)
Fractional QHE (Marquardt)	F	Double Layer QHE (Siddiki)
Istanbul -Turunç Transpostation	St.	Istanbul -Turunç Transportation
Interference Effects (Marquardt)	M	Dephasing in Quantum Dots (Marquardt)
Screening in Quantum Dots (Siddiki)	T	Recent experiments with Quantum Dots (Storage)
Dephasing in Quantum Dots (Marquardt)	W	Mach-Zender Interferometry (Siddiki)
Tunelling Spectrascopy Experiments (Storage)	Th	Free time
Fano experiments in Quantum Dots (Storage)	F	Kondo Experiments in Quantum Dots (Storage)
Edge Effects & Mach-Zender Interferom. (Siddiki)	St.	Overview of Kondo experiments (Storage)



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