



DEPARTMENT OF PHYSICS AND PHYSICAL OCEANOGRAPHY
PHYSICS 495 RESEARCH PROJECT

“Nuclear Magnetic Resonance Spectroscopy”

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Abstract

The Spectroscopy is an invaluable tool in the characterization of molecules or compounds. Light-matter interactions are used to find information about atomic size compounds that through other means would be extremely difficult to delve anything from. It is prevalent in many facets of study and industry. NMR spectroscopy is a subfield of this, but it in itself is very expansive. But how does it work? The physics behind NMR and some of its associated phenomena will be studied in this presentation. A brief overview of the instrumentation and how a spectrum is obtained for a given compound will also be covered.

Friday, April 24, 2009

2:00 PM

DeLoach Hall, Room 212

Refreshments served at 1:45

