

Mathematical Physics and Dynamical Systems Seminar

MATH 260-002

SPRING 2008

April 3

Organizational Meeting

April 10

Speaker: John Huerta

Title: The Octonions

April 17

Speaker: Prof. Henrique Bursztyn (IMPA, Brazil)

Title: Generalized Complex / Kahler Geometry

April 24

Speaker: Robert Niemeyer

Title: A Countable Class of Periodic Orbits of the Koch Snowflake

May 1

Speaker: Michael Maroun

Title: Entropy, Classical and Quantum Action

May 8

Speaker: Scot Childress

Title: Fractal Geometry, Number Theory, and Physics (part II)

May 15

Speaker: Alex Hoffnung

Title: Categorifying Hamiltonian Mechanics - Motivation and Theory

May 22

Speaker: Chris Rogers

Title: Categorifying Hamiltonian Mechanics - Applications to String Theory

May 29

Speaker: Vicente Alvarez

Title: Finite Element Method on the Sierpinski Gasket

June 5

Speaker: John Huerta

Title: Quantum Mechanics and Representation Theory