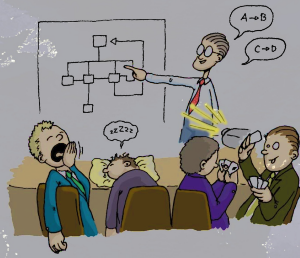


Student poster session

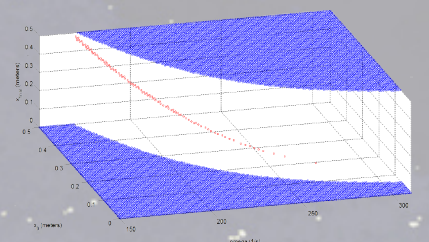
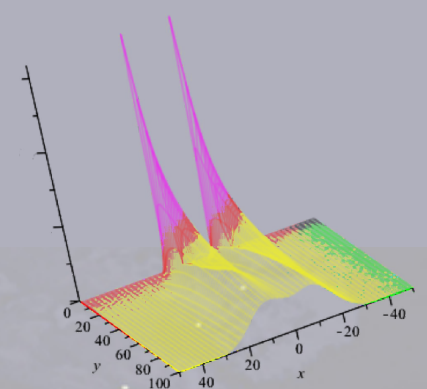
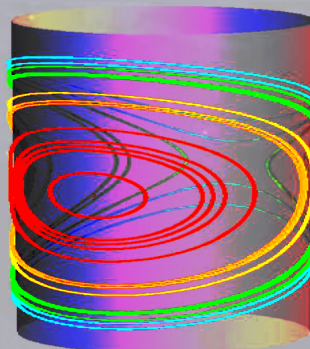
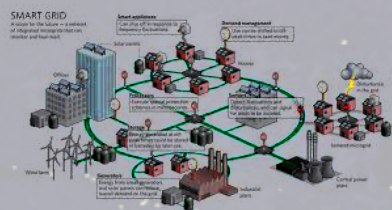
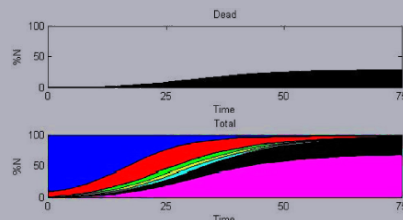
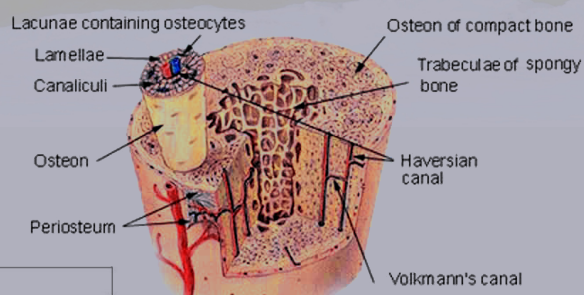


Mathematical Modeling MATH 485/585

(10:00 – 12:00), May 2nd, 2013

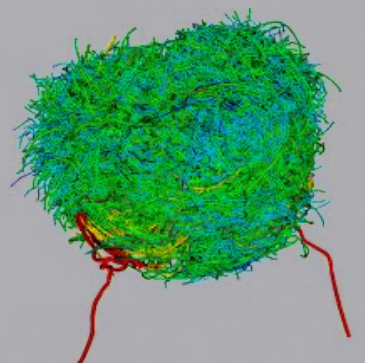
MathEast Lobby
University of Arizona
Tucson, AZ

Compact Bone & Spongy (Cancellous Bone)



Presentation titles:

- Electromechanical Properties of Bones
- Sensitivity Analysis for Parameters Important for Smallpox Transmission
- Olfactory Search in Turbulent Flows
- The Stability of an Inverted Pendulum
- Power Distribution in Electrical Grids
- Sinking Bubble in Vibrating Tanks
- Modeling the Formation of Eolian Sand Dunes: a Numerical Method
- Modeling Evolution
- Crowd Dynamics Representation Model
- Interactions of Ribavirin and Interferon with HCV
- Modeling Immune Response to HIV
- Tumor Growth Model
- The Spread of Gossip



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and Lotfi Hermi (hermi@math.arizona.edu)

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