Analysis and Differential Geometry Seminar

Archimedes' Principle and Capillarity

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Abstract: We give an analysis of floating objects based on a new flux formula for variational problems with movable boundaries. The result allows for the floating of heavy objects not predicted by Archimedes, but easily observed in experiments.

Tuesday, August 31, 2010, 4:00 pm Mathematics and Science Center: W301

MATHEMATICS AND COMPUTER SCIENCE EMORY UNIVERSITY