

abstract

GEOMETRIC PDE SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

The special Lagrangian equations define calibrated minimal Lagrangian surfaces in complex space. These fully nonlinear Hessian equations can also be written in terms of symmetric polynomials of the Hessian, giving a minimal surface interpretation to certain more recognizable Hessian equations. After introducing the topic, I will survey some recent results related to special Lagrangian equations, and give a proof of some priori Hessian estimates.