

Meeting: 1001, Evanston, Illinois, SS 6A, Special Session on Nonlinear Partial Differential Equations and Applications

1001-35-372 **Eun Heui Kim*** (ekim4@csulb.edu), Department of Mathematics, 1250 Bellflower Blvd,
California State University, Long Beach, CA 90840-1001. *Free boundary problems for quasilinear
degenerate equations.*

We discuss a class of free boundary and mixed boundary problems for quasilinear degenerate equations which arise in the study of self-similar transonic problems in 2-dimensional conservation laws. (Received August 31, 2004)