

1077-35-1049

Constantine M. Dafermos* (Constantine_Dafermos@brown.edu), Division of Applied Mathematics, Brown University, Providence, RI 02912. *Applications of Generalized Characteristics.*

The lecture will present applications of the method of generalized characteristics to the study of the large time behavior of solutions of hyperbolic balance laws and to the theory of solutions of the Hunter-Saxton equation. (Received September 15, 2011)