



Hyperbolic Conservation Laws: Recent Progress

May 1, 2014

The City University of New York

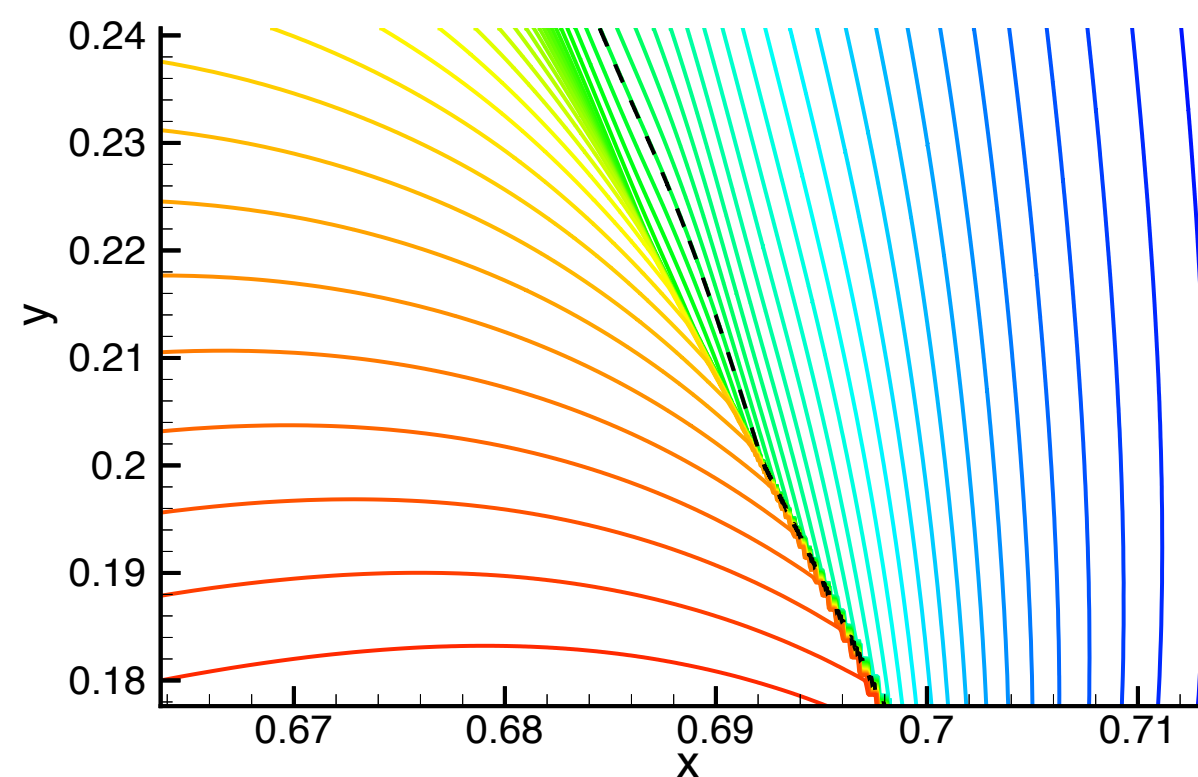


SYMPOSIUM

The classical subject of hyperbolic conservation laws has experienced dynamic growth in recent years. For systems in a single space dimension with small data a well-posedness theory of entropy weak solutions is well known; for large data, however, global existence or finite-time blowup is still open. Analysis in several space dimensions remains an enormous challenge. This one-day event will bring together some of the leading researchers in the world to discuss recent theoretical and numerical developments.

INVITED SPEAKERS

- Alberto Bressan, Penn State University
- Geng Chen, Georgia Tech
- Sebastian Noelle, RWTH Aachen
- Ronghua Pan, Georgia Tech



* Supersonic shock formation in a transonic flow. Characteristics (the green band) reflect off the dashed sonic line and focus at a point in the supersonic region to the left of the sonic line.

TIME AND LOCATION

- Time: 9:30 am - 5:00 pm, Thursday, May 1st, 2014.
- Location: Science Center, Room 4102, CUNY Graduate Center.
- The Graduate Center of CUNY is located at the intersection of 5th Ave. and 34th St. in Manhattan.

SCHEDULE (ALL TALKS IN ROOM 4102)

- 9:30 am - 10 am: *Coffee*
- 10 am - 11 am: Alberto Bressan
- 11:15 am - 12:15 pm: Geng Chen
- 12:15 pm - 1:30 pm: *Lunch break*
- 1:30 pm - 2:30 pm: Ronghua Pan
- 2:45 pm - 3:45 pm: Sebastian Noelle
- 4:00 pm - 5:00 pm: *Reception*

ORGANIZERS

- Allen Tesdall, CUNY-CSI
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SPONSORS

This event is sponsored by the Initiative for the Theoretical Sciences at the Graduate Center of CUNY.

