Research

Colloquium

The Global Entropy Solutions to the Transonic Nozzle Flows

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時　間：103 年 11 月 12 日(三) 14：30

地　點：應用數學系多媒體教室（理 408 室）

摘　要：

In this talk, we consider the initial and initial-boundary value problems of the compressible Euler equations and Fanno-Rayleigh's type of Euler equations. The initial and boundary data are close to the sonic states. A new version of generalized Glimm scheme is introduced to established the global existence of the weak solutions to our problems. We prove the solutions are the entropy solutions by showing the entropy inequality.

The project is the joint work with Bo-Chih Huang and Shih-Wei Chou of NCU.

～本次演講亦歡迎大學部同學參加～