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數學系
香港中文大學

Kinetic Lecture Series

The Hydrodynamic Limit of the Boltzmann Equation to the Compressible Euler Equations for Riemann Solutions

by

Professor Yong WANG
Chinese Academy of Sciences

Abstract:

In these two lectures, firstly, I will introduce the basic theory (mainly on the Riemann solution) of one-dimensional nonlinear hyperbolic systems. Then I will introduce several results from the Boltzmann solutions to the Riemann solution of compressible Euler equations.

Lecture 1

Date : October 9, 2020
Time : 14:00-16:00 (Hong Kong SAR)
Zoom link :
<https://cuhk.zoom.us/j/91280740955?pwd=RkZJVWVZYjIESHdiWEd1NlIIMEk1QT09>
Meeting ID : 912 8074 0955
Passcode : 975489

Lecture 2

Date : October 16, 2020
Time : 14:00-16:00 (Hong Kong SAR)
Zoom Link :
<https://cuhk.zoom.us/j/96529701025?pwd=OGF3bmc3RGZQR01mbUd5Q0RuTGh6dz09>
Meeting ID : 965 2970 1025
Passcode : 711501

All are Welcome