

《**Bulletin of the Institute of Mathematics, Academia Sinica New Series**》

Volume 10 Number 4 is now available.

Contents:

1. Structurally stable singularities for a nonlinear wave equation
By Alberto Bressan, Tao Huang and Fang Yu
2. Asymptotic profile of solutions to a hyperbolic Cahn-Hilliard equation
By Hiroshi Takeda, Yasunori Maekawa and Shuichi Kawashima
3. Internal structure of dynamic phase-transition fronts in a fluid with two compressible or incompressible phases
By Heinrich Freistühler and Matthias Kotschote
4. Scalar Viscous Conservation Laws in \mathbb{R}^2
By Shijin Deng and Weike Wang
5. Global solutions to 3D isentropic compressible Navier-Stokes equations with free boundary
By Huihui Kong, Hai-Liang Li and Chuangchuang Liang
6. Existence and stability of time-periodic solutions to the drift-diffusion model for semiconductors
By Toru Kan and Masahiro Suzuki
7. The mathematical theory of self-similar boundary layers for nonlinear hyperbolic systems with viscosity and capillarity
By Anupam Pal Choudhury, K.T. Joseph and Philippe G. LeFloch
8. Expansion of a compressible gas in vacuum
By Denis Serre

The full contents of Bulletin (N.S.) Volume 1 No. 1 to Volume 10 No. 4 can be viewed online at Bulletin's website http://w3.math.sinica.edu.tw/bulletin/default_a.jsp