

Cauchy Problem  
for  
Quasilinear Hyperbolic Systems

Author  
Kong De-xing  
Department of Applied Mathematics  
Shanghai Jiao Tong University  
Shanghai 200030, China

1991 AMS Subject Classifications: Primary 35L45, 35L67  
Secondary 35Q80, 73C50.

---

## MSJ Memoirs

This series of monographs is devoted to lecture notes, graduate textbooks and long research papers in pure and applied mathematics.

---

## Editorial Board

Fukaya, Kenji    Funaki, Tadahisa    Ishii, Shihoko  
Kashiwara, Masaki (Chief Editor)    Kobayashi, Ryoichi    Kusuoka, Shigeo  
Mabuchi, Toshiki    Maeda, Yoshiaki    Miwa, Tetsuji (Managing Editor)  
Miyaoaka, Yoichi    Nishiura, Yasumasa    Noumi, Masatoshi  
Ohta, Masami    Okamoto, Kazuo    Ozawa, Tohru,  
Taira, Kazuaki    Tsuboi, Takashi    Wakimoto, Minoru

---

*MSJ Memoirs* is published occasionally (3-5 volumes each year) by the Mathematical Society of Japan at 4-25-9-203, Hongo, Bunkyo-ku, Tokyo 113-0033, Japan. Each volume may be ordered separately. Please specify volume when ordering an individual volume. For prices and titles of recent volumes, see page i.

© 2000 by the Mathematical Society of Japan. All rights reserved.

Orders from all countries except Japan are to be sent to:

MARUZEN CO., LTD  
Import and Export Dept.  
P.O.Box 5050  
Tokyo International  
Tokyo 100-3191, Japan  
FAX 81 3 3278 9256

JAPAN PUBL. TRADING CO.  
Tokyo International  
P.O.Box 5030  
Tokyo 100-3191, Japan  
FAX 81 3 3292 0410