1003-35-1150 **Dehua Wang*** (`dwang@math.pitt.edu`), Department of Mathematics, University of Pittsburgh, Pittsburgh, PA 15260. *Global solutions of multi-dimensional Euler equations and related problems.*
The global solutions of some problems related to multi-dimensional Euler equations will be considered. Formation of singularity, a piston problem, and global strucrure and evolution of singularity will be discussed. (Received October 04, 2004)