1030-35-15 **Dehua Wang*** (`dwang@math.pitt.edu`), Department of Mathematics, University of Pittsburgh, Pittsburgh, PA 15260. *Global Solution to the Multi-Dimensional Equations of Compressible Magnetohydrodynamic Flows.*

An initial-boundary value problem for the three-dimensional compressible magnetohydrodynamic flow is studied in a bounded domain with large data. The existence and large-time behavior of global weak solution are established. (Received June 07, 2007)