1057-35-282   **Bo Guan** (`guan@math.ohio-state.edu`), Dept. Math. The Ohio State University, Columbus, OH 43210, and **Qun Li*** (`qun.li@wright.edu`), Dept. Math. & Stats., Wright State University, Dayton, OH 45435. *Complex Monge-Ampere Equations on Hermitian Manifolds.*

We will study the complex Monge-Ampere equations on Hermitian manifolds. We shall also introduce some geometric problems which can be reduced to the Dirichlet problem of a complex Monge-Ampere equation. (Received January 25, 2010)