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**Lei Zhang\*** (leizhang@ufl.edu), Department of Mathematics, 358 Little Hall, P.O. Box 118105, Gainesville, FL 32611-8105, and **Jiguang Bao** and **Haigang Li**. *Monge Ampere Equations on exterior domains.*

We consider Monge-Ampère equations defined outside a convex set. First we show that all the convex viscosity solutions behave like parabolas near infinity. Then we solve exterior Dirichlet problem with given boundary data on the convex set and prescribed asymptotic behavior at infinity. This is a joint work with Jiguang Bao and Haigang Li. (Received September 04, 2012)