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Qianyun Miao, , Peoples Rep of China, **Yuan Zhou**, , Peoples Rep of China, and **Changyou Wang*** (wang2482@purdue.edu), 150 N. University Street, West Lafayette, IN 40907. *Uniqueness of absolute minimizers of L-infinity functionals involving Hamiltonians $H(x, p)$.*

In this talk, I will discuss a uniqueness theorem on absolute minimizers of L-infinity functional generating by a x -dependent Hamiltonian functions $H(x, p)$, which satisfy (i) lower semicontinuous in x and convex in p ; (ii) the union of minimal level sets $\cup_x \{p : H(x, p) = 0\}$ is contained in a hyperplane of R^n ; and (iii) a uniform in x interior and exterior ball condition of $\{p : H(x, p) < \lambda\}$. This is a joint work with Yuan Zhou and Qianyun Miao. (Received March 10, 2017)