LIOUVILLE THEOREM OF FULLY NONLINEAR ELLIPTIC PDEs

Speaker: Chuanqiang Chen
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Time: Fri, Oct. 17th, 15:00 - 16:00
Venue: Room 102, SCMS
Abstract:

Liouville Theorems for semilinear and quasilinear elliptic PDEs are well known. In this talk, we establish some Liouville Theorems for fully nonlinear elliptic PDEs, including k-Hessian equations（and inequalities）, Hessian quotient equations（and inequalities）, and mixed Hessian quotient equations（and inequalities）, which is a joint work with Lianggen Hu, Yan Ma, and Botao Wang.