

# Bergman-Einstein metric on a Stein space with a compact strongly pseudoconvex boundary

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A classical problem, proposed in different forms by Bergman, Hua, and Yau, asks to describe the domain in terms of the differential-geometric properties of its Bergman metric. In this talk, we will report some progress on the characterization of Stein space by its Bergman metric which is actually Einstein. This talk is based on a joint work with Xiaojun Huang from Rutgers University.