

1172-53-267

xiaowei wang* (xiaowwan@rutgers.edu), 101 Warren Street, Newark, NJ 07102, and **Jacob Sturm** and **King-Leung Lee**. *MOMENT MAP AND GENERALIZED EXTREMAL POINT*.

In this short session, we will present a generalization the theory of extremal point in the symplectic/Kähler quotient and study the structure of the stabilizers of the extremal points. As an application, we interpret the Kähler-Ricci solitons as a special case of the generalized extremal metric. (Received August 30, 2021)