

1122-05-244

Jae-Ho Lee* (jhlee.math@gmail.com), 6-3-09 Aramaic-Aza-Aoba, Aoba-ku, Graduate School of Information Sciences, Tohoku University, Sendai, 980-8579, Japan. *The generalized Terwilliger algebra of dual polar graphs.*

Let Γ denote a dual polar graph containing a Delsarte clique. Fix a vertex x in C and partition vertex set of Γ using x and C . This partition gives a vector space W that is a module for the algebra generated by the Terwilliger algebra $T(x)$ and the Terwilliger algebra $T(C)$. In this talk, we give a detailed description of the space W . (Received August 15, 2016)