GROWTH SERIES OF THE COMPLEX REFLECTION

GROUP OF $\langle a^2 = b^4 = 1, (ab)^2 = (ba)^2 \rangle$

Tadayoshi Takebayashi

Abstract

We give the growth series of the complex reflection group $\langle a^2 = b^4 = 1,$ $(ab)^2 = (ba)^2 \rangle$ ([M. C. Hughes and A. O. Morris, Root systems for two dimensional complex reflection groups, Séminaire Lotharingien de Combinatoire 45 (2001), 1-18]).