



**GROWTH SERIES OF THE MONOID IN THE
GROUP $\langle b^3 = a^2c, ac = ca \rangle$**

Tadayoshi Takebayashi

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Abstract

We give the growth series of the monoid in the group $\langle a, b, c | b^3 = a^2c, ac = ca \rangle$, which is the group associated to the complex reflection group of type G_{13} ([M. Broué, G. Malle and R. Rouquier, Complex reflection groups, braid groups, Hecke algebras, J. Reine Angew. Math. 500 (1998), 127-190]).

Keywords and phrases: growth series, monoid.

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