



**GROWTH SERIES OF THE MONOID ASSOCIATED TO THE  
FUNDAMENTAL GROUP OF TYPE  $B_{vi}$**

Tadayoshi Takebayashi

Received June 14, 2012

**Abstract**

We give the growth series of the monoid associated to the fundamental group of type  $B_{vi}$  [K. Saito and T. Ishibe, Monoids in the fundamental groups of the complement of logarithmic free divisors in  $\mathbb{C}^3$ , Journal of Algebra 344 (2011), 137-160]

**Keywords and phrases:** growth series, monoid.

**Pioneer Journal  
of Mathematics  
and Mathematical  
Sciences**



**Pioneer Scientific  
Publisher**