



**GROWTH SERIES OF THE MONOID IN THE ELLIPTIC  
ARTIN GROUP OF TYPE  $A_1^{(1,1)*}$**

Tadayoshi Takebayashi

Received March 15, 2012

**Abstract**

We give the growth series of the monoid in the elliptic Artin group of type  $A_1^{(1,1)*}$ , which is a central extension of the elliptic Weyl group of type  $A_1^{(1,1)*}$ .

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

Pioneer Journal  
of Mathematics  
and Mathematical  
Sciences



Pioneer Scientific  
Publisher