



**GROWTH SERIES OF A QUOTIENT GROUP $\widetilde{SB}_4(Ann)$ OF
THE SINGULAR BRAID MONOID OF
THE ANNULUS $SB_4(Ann)$**

Tadayoshi Takebayashi

Received August 8, 2011

Abstract

We give the growth series of a quotient group $\widetilde{SB}_4(Ann)$ of the singular braid monoid of the annulus $SB_4(Ann)$.

Keywords and phrases: growth series, singular braid monoid of the annulus.

Pioneer Journal
of Mathematics
and Mathematical
Sciences

PSP Pioneer Scientific
Publisher