



GROWTH SERIES OF THE MONOID

$\langle abcde = bcdea = cdeab = deabc = eabcd \rangle$

Tadayoshi Takebayashi

Received March 28, 2012

Abstract

We give the growth series of the monoid $M := \langle a, b, c, d, e \mid abcde = bcdea = cdeab = deabc = eabcd \rangle$, which is an extension of the elliptic Artin monoid of type $A_1^{(1,1)}$.

Keywords and phrases: growth series, monoid.

Pioneer Journal
of Mathematics
and Mathematical
Sciences



Pioneer Scientific
Publisher