GROWTH SERIES OF THE MONOID
$\langle abcde = bcdea = cdeab = deabc = eabcd \rangle$

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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 $A_1^{(1,1)}$.