



**ON THE ELLIPTIC DENOMINATOR
POLYNOMIAL OF TYPE $C_n^{(1, 2)}$**

Tadayoshi Takebayashi

Received April 15, 2011

Abstract

In this paper, author gives the recurrence relation of the elliptic denominator polynomial of type $C_n^{(1, 2)}$ by using the results [Kyoji Saito, Growth functions for Artin monoids, Proc. Japan Acad. Ser. A 85 (2009), 84-88] and [Marie Albenque and Philippe Nadeau, Growth function for a class of monoids, 21st International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC, Hagenburg, 2009), DMTCS, 2009].

Keywords and phrases: denominator polynomial, elliptic type.

**Pioneer Journal
of Mathematics
and Mathematical
Sciences**



**Pioneer Scientific
Publisher**