

1154-05-2554

Suhyung An and **JiYoon Jung***, jungj@marshall.edu, and **Sangwook Kim**. *Enumeration of Fuss-Catalan paths.*

In this paper we enumerate the number of k -Fuss-Catalan paths with fixed type and fixed number of blocks. We provide two proofs of this result. Also, we give a conjecture generalizing this result to the family of (k, r) -Fuss-Schröder paths. (Received September 17, 2019)