1077-05-864   **Jared Adams** (`jaxad0127@gmail.com`), **Eric M Freden*** (`freden@suu.edu`) and **Marni Mishna** (`mmishna@sfu.ca`). *From indexed languages to generating functions.*

We extend the DSV method of computing the growth series of an unambiguous context-free language to the larger class of indexed languages. This technique has applications to enumerative combinatorics in general and in particular, growth series for groups. (Received September 13, 2011)