

# A combinatorial model for the transition matrix between the Specht and web bases

Jaeseong Oh

Korea Institute for Advanced Study

## **Abstract**

We introduce a new class of permutations, called web permutations. Using these permutations, we provide a combinatorial interpretation for entries of the transition matrix between the Specht and web bases, which answers Rhoades's question. Furthermore, we study enumerative properties of these permutations.

This is based on the work with Byung-Hak Hwang and Jihyeug Jang.