

Monoids and Combinatorics

Reconstructing Young tableaux

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Monks asked whether any standard Young tableau with n entries can be reconstructed from its k -minors. A k -minor of a standard Young tableau is obtained by deleting k entries using jeu de taquin. As a first step towards answering Monks's question, we completely characterize the standard Young tableaux that are reconstructible from 1-minors.

This is joint work with Alan J. Cain (Universidade Nova de Lisboa).