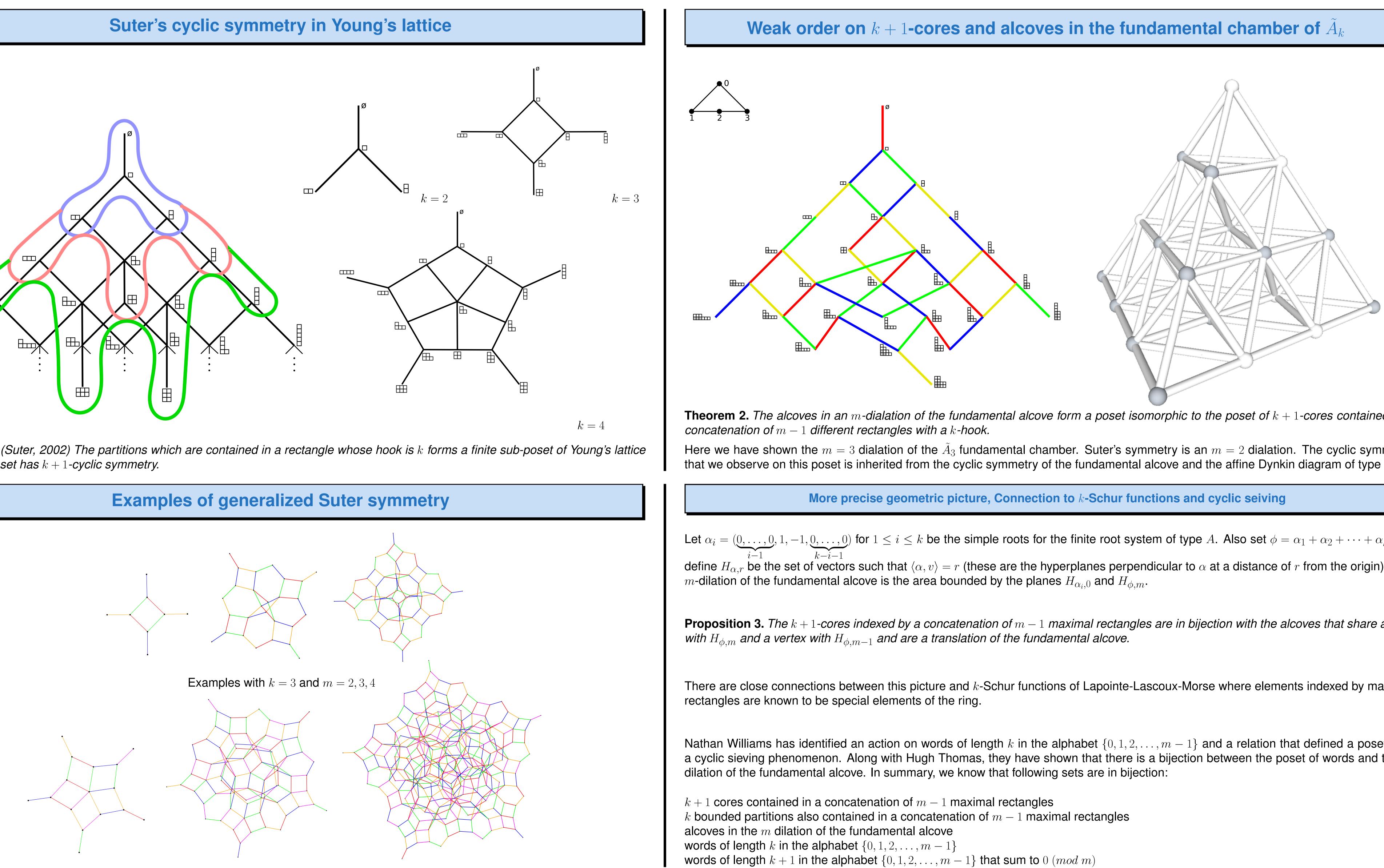


and this sub-poset has k + 1-cyclic symmetry.



Examples with k = 4 and m = 2, 3, 4

Symmetries of the *k*-bounded partition lattice

Chris Berg, Mike Zabrocki

LaCIM, Université du Québec à Montréal, York University

cberg@lacim.ca, zabrocki@mathstat.yorku.ca

Nathan Williams has identified an action on words of length k in the alphabet $\{0, 1, 2, \dots, m-1\}$ and a relation that defined a poset with a cyclic sieving phenomenon. Along with Hugh Thomas, they have shown that there is a bijection between the poset of words and the m

