YEMON CHOI, University of Manitoba, Winnipeg, R3T 2N2
Biflatness for Clifford semigroup algebras

We show how one may use classical ideas from the representation theory of Clifford semigroups (in particular certain Möbius inversion formulae) to characterize the biflatness of their ℓ^1-convolution algebras. A key tool is the old result of Duncan and Namioka that the ℓ^1-convolution algebra of a *semilattice* is amenable precisely when the semilattice is finite.