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Susanna Fishel* (sfishel1@asu.edu), School of Math. and Stat. Sciences, Arizona State University, PO Box 871804, Tempe, AZ 85287-1804, and **Stephen Griffeth**. *Unitary representations and abacus combinatorics*. Preliminary report.

Berkesch Zamaere, Griffeth, and Sam conjecture the existence of a BGG-style resolution of unitary modules of the type A Cherednik algebra. They are able to provide the resolution in some special cases, where the resolution has a particularly simple form. I will discuss recent work with Griffeth on the general case. (Received February 24, 2015)