1012-20-107   **Eric C. Rowell*** (`errowell@indiana.edu`), Mathematics Department, Indiana University, Bloomington, IN 47405, and **Michael Larsen** and **Zhenghan Wang**. *Images of braid group representations factoring over BMW-algebras.*

Given an irreducible representation of the braid group $\mathcal{B}_n$, one may ask: Is the homomorphic image a finite or infinite group? In case the image is infinite and the representation is unitary, one may further ask: What compact group do we get if we take the closure of the image? I will describe some results in these directions for representations coming from BMW-algebras at roots of unity. (Received September 13, 2005)