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Deepak Naidu* (dnaidu@math.tamu.edu), Department of Mathematics, Texas A&M University, 3368 TAMU, College Station, TX 77843, and **Eric Rowell**. *A finiteness property for braided fusion categories.*

We consider the following question: Is it true that braid group representations associated with a braided fusion category have finite image if, and only if, the FP-dimension of the category is an integer? We will discuss some empirical evidence that supports an affirmative answer to the above question (arXiv:0903.4157v3). (Received August 28, 2009)