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**Eric C. Rowell\***, Mathematics Department, Texas A&M University, College Station, TX  
77843-3368. *The current state of the property F conjecture.*

The property F conjecture states that the braid group representations associated with a simple object  $X$  in a braided fusion category have finite group images if, and only if,  $(FPdim(X))^2 \in \mathbb{Z}$ . This conjecture dates back to around 2007 and was discussed at some length in a joint paper with Naidu (arXiv:0903.4157). In this talk I will survey recent progress, generalizations and the outlook on this still very wide open conjecture. (Received February 09, 2016)