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**Benjamin Purkis\*** ([benjamin.purkis@colorado.edu](mailto:benjamin.purkis@colorado.edu)). *Constructing Projective Multiresolution Analyses over Irrational Rotation Algebras*. Preliminary report.

We will construct an example of a projective multiresolution analysis (PMRA) where the initial module is over an irrational rotation algebra. We will then discuss generalizations of this idea, including a method of combining such PMRA structures to create new ones. (Received February 18, 2013)