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**Joshua D Nolan\*** (nolanjd@lafayette.edu), 111 Quad Drive, Lafayette College, Easton, PA 18042-1784, and **Clifford A Reiter**. *Visualizing 3-dimensional Quasi-crystals*. Preliminary report.

It is known that 3-dimensional quasi-crystals have essentially two dimensional structure or have icosahedral symmetry. Those with icosahedral symmetry appear in three forms. We create 3-dimensional point sets with quasi-crystalline structure using canonical projection. We enhance our visual understanding of these quasi-crystals by adding edges, faces and/or 3-facets. (Received August 03, 2017)