1063-57-254   **Jeffrey Boerner*** (`jeffboerner@gmail.com`), 319 S. Market St., New Wilmington, PA 16172. *The Kauffman bracket skein module of T^3.*

The Kauffman bracket skein module of a 3-manifold is the module of isotopy classes of framed links embedded in the 3-manifold, subject to the Kauffman bracket skein relations. These skein modules are 3-manifold invariants, but can be difficult to compute. Dabkowski and Mroczkowski computed the Kauffman bracket skein module of the twice-punctured disk cross S^1. I will build on their notation and methods to explore the Kauffman bracket skein module of T^3. (Received August 17, 2010)