

1056-57-1944 **Jeffrey Boerner*** (jboerner@math.uiowa.edu), 14 MacLean Hall, Iowa City, IA 52245. *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 relation. Often these skein modules 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 September 22, 2009)