1125-57-2090   **Thang Le*** (`letu@math.gatech.edu`) and **Jon Paprocki**. *Skein algebra and quantum Teichmuller space of surfaces.*

We show how to decompose the Kauffman bracket skein algebra of a surface into elementary blocks corresponding to the triangles in an ideal triangulation of the surface. This gives an easy proof of the existence of the quantum trace map of Bonahon and Wong relating the skein algebra and the quantum Teichmuller space. (Received September 19, 2016)