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*Using Wikis to Enhance Mathematical Communication and Develop Students' Investment in Mathematical Community.* Preliminary report.

In an attempt to increase our students' understanding of key concepts, to give them practice communicating their understanding to their classmates, and to give them a sense of mathematical community, we used content-based wikis in our linear and abstract algebra courses during the Fall 2009 semester. We will discuss what we did and our impressions of the results, including student feedback. (Received September 16, 2009)