1056-22-203 **Lisa Carbone**, **Leigh Cobbs*** (`cobbs@lvc.edu`) and **Scott Murray**. *Fundamental domains for congruence subgroups of SL_2 in positive characteristic.*

When groups act on graphs, quotient "graphs of groups" are produced. One attempt at constructing infinite families of expander graphs tried to find graphs of groups for congruence subgroups of $\Gamma = PGL_2(\mathbb{F}_q[t])$. There was an error, which we explain and repair. We use the method of ramified coverings to construct graphs of groups for congruence subgroups of $SL_2(\mathbb{F}_q[t])$ and give explicit examples. We thus provide new families of graphs whose level 0 - 1 subgraphs potentially have the expansion properties claimed previously. (Received August 14, 2009)