1023-20-1678 **Kai-Uwe Bux** and **Kevin Wortman*** (kevin.wortman@yale.edu). **$\mathbf{SL_3}(\mathbb{Z}[t])$** *is not* FP_2. Preliminary report.

Krstić–McCool proved that $\mathbf{SL_3}(\mathbb{Z}[t])$ is not finitely presented. We will prove the slightly stronger result from the title using the action of $\mathbf{SL_3}(\mathbb{Z}[t])$ on a Euclidean building. (Received September 26, 2006)