

1017-20-104

**Claire W Wladis\*** (cwwladis@nyc.rr.com). *Thompson's group  $F(p+1)$  is not minimally almost convex.*

We prove that Thompson's group  $F(p+1)$  is not minimally almost convex with respect to the standard finite generating set  $\{x_0, x_1, \dots, x_p\}$ . Belk and Bux have already proved this is the case when  $p = 1$  (i.e. when  $F(p+1) = F$ ). We use similar reasoning to that of Belk and Bux to prove the general case for all  $p \in \mathbb{N}$ , but we represent elements of  $F(p+1)$  as tree-pair diagrams rather than forest diagrams. (Received February 15, 2006)