1131-20-369 **Krystofer Baker** and **Dmytro M Savchuk*** (`savchuk@usf.edu`), 4204 E Fowler ave, CMC 342, Dept of Math and Stats, USF, Tampa, FL 33620. *Explicit finite generating sets of the stabilizers of rational numbers in Thompson's group F.*

We construct explicit finite generating sets for the stabilizers of rational numbers under the standard action of Thompson's group F on $[0, 1]$. Thus we partially give an alternative proof of the result of Golan and Sapir who, in particular, proved that these subgroups are finitely generated. However, the obtained generating sets turned out to be much simpler. (Received July 18, 2017)