NILPOTENT AAPROXIMATIONS IN THE GOURSAT MONSTER TOWER

Piotr Mormul

 $\begin{array}{c} ({\tt University~of~Warsaw,~Warsaw,~POLAND}) \\ E\hbox{-}mail\hbox{:} \ {\tt mormul@mimuw.edu.pl} \end{array}$

In the paper "Kumpera-Ruiz algebras in Goursat flags are optimal in small lengths" (J. Math. Sciences 126 (2005), 1614–1629) we conjectured that the two notions 'strongly nilpotent' (Definition 3 up there) and 'tangential' (Definition 6 up there) are but synonyms in the world of Goursat flags. Now a concrete road map to a possible proof of that long-standing conjecture is being proposed.