1031-11-83 Herbert Gangl\* (herbert.gangl@durham.ac.uk), Dept. of Math Sciences, Durham, DH1 3LE, England, and Francis Brown and Andrey Levin. Polygons and mixed Tate motives. Preliminary report.

We relate two "polygonal" approaches to mixed Tate motives over a field: one approach arising from work of Brown in the study of periods of moduli spaces  $M_{0,n}$ , the other one from joint work with Levin and Goncharov in connection with algebraic cycles and iterated integrals. (Received August 04, 2007)