Benjamin Himpel* (himpel@imf.au.dk), Centre for Quantum Geometry of Moduli Spaces, Department of Mathematical Sciences, Aarhus U, Ny Munkegade 118, bldg. 1530, Aarhus, 8000. On the geometry of music. Preliminary report.

We attempt to answer the question posted by Dmitri Tymoczko, how his geometry of chords relates to perceptual judgements of chord similarity. (Received September 22, 2011)