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Alexander Gorokhovsky*, Department of Mathematics, University of Colorado, Boulder, CO 80305, and **Henri Moscovici**. *Higher analytic indices and symbolic index pairing*. Preliminary report.

Higher index theory was started in the work of A. Connes and H. Moscovici on the Novikov conjecture. The goal of my talk is to reinterpret their theorem, extend the definition of higher indices to new situations, and to describe a theorem computing them in topological terms. (Received September 24, 2012)