1060-20-149 **Andrzej Zuk*** (`zuk@math.jussieu.fr`), Institut de Mathematiques de Jussieu, University of Paris 7, 175, rue du Chevaleret, 75013 Paris, France. *L^2 Betti numbers.*

We present computations of spectra of random walk operators. This leads to new results concerning L^2 Betti numbers of closed manifolds. (Received March 29, 2010)