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Ovidiu Munteanu* (ovidiu.munteanu@uconn.edu), Department of Mathematics, 196 Auditorium Rd, Unit 3009, Storrs, CT 06269. *Topology of gradient Ricci solitons.*

We discuss some results about the number of ends of gradient Ricci solitons. The approach to counting ends is analytical, using certain types of harmonic functions. (Received July 14, 2013)