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Yuxin Ge (ge@math.uparis12.edu.fr), Department of Mathematics, University of Paris XII, Paris, France, and Xingwang Xu\* (matxuxw@nus.edu.sg), Department of Mathematics, National University of Singapore, 2, Science drive 2, 117543 Singapore, Singapore. Q-curvature functions for Ricci flat manifolds.

In this talk, we will describe the property of the set of Q-curvature functions on a Ricci flat manifold of dimension four. (Received February 13, 2006)