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Zuoqin Wang* (wangzuoq@umich.edu), 530 Church Street, Ann Arbor, MI 48109. *Semiclassical spectral invariants for perturbed harmonic oscillators.*

In this talk we will introduce some semiclassical spectral invariants for perturbed harmonic oscillators, and use these invariants to study some inverse spectral problems. This is a joint work with V. Guillemin and A. Uribe. (Received February 08, 2013)