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**Kiril Datchev, Hamid Hezari and Ivan Ventura\*** (iventura@math.arizona.edu). *Spectral uniqueness of radial semiclassical Schrödinger operators.*

We prove that the spectrum of an  $n$ -dimensional semiclassical radial Schrödinger operator determines the potential within a large class of potentials for which we assume no symmetry or analyticity. Our proof is based on the first two semiclassical trace invariants and on the isoperimetric inequality. (Received September 11, 2012)