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Victor W Guillemin* (vwg@math.mit.edu) and **Leonid Freidlander**
(friedlan@math.arizona.edu). *Determinants of zeroth order pseudodifferential operators.*

I'll discuss in this talk two ways of defining determinants of zeroth order pseudodifferential operators on compact manifolds: by zeta function regularization and by "Szego limits" and show that, modulo terms which are local in the symbol, these two procedures give the same answer. (Received September 19, 2005)