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Review text:

Any (extended) abstract of this compact paper should remind the readers about the efficiency and about the key relevance of the concept of spectral functions (and, in particular, of the Selberg's zeta-function Z of eq. (5) and of the zeta-regularized spectral determinant D of eq. (6)). Implying the "exact WKB solvability" of *any* one-dimensional Schrödinger equation with polynomial potential as nicely reviewed by A. Voros, in "Recent Trends in Exponential Asymptotics", RIMS Kokyuroku series, vol. 1424 (2005) pp. 214 - 231 (edited by Y. Takei). The earlier, 2004 application ref. [1] of this language to a special 1D Schrödinger singular perturbation problem (1) (i.e., to interactions $V = q^N + vq^M$ where $N < 2M+2$ and $v \gg 1$) is now complemented by a few important amendments. In particular, it is demonstrated that the apparent breakdown of the exact quantization in the "weak perturbation" limit $v \to \infty$ (i.e., the discontinuity puzzle as formulated in 2000 in [11]) is inessential. It is shown that the role of the underlying Wronskian identity (50) itself (i.e., of a basic and beautiful bilinear relation between spectral determinants which, by the way, involves the conjugate – complex-rescaled – Schrödinger eigenvalue problems) remains unaffected and compatible with the continuous evolution of the spectral determinants in the limit $v \to \infty$.