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**Spectral shift function, amazing and multifaceted.** (English) Zbl 0907.47014  
[Integral Equations Oper. Theory 30, No. 2, 191-199 \(1998\)](#).

Summary: Several formula representations for the I. M. Lifshits-M. G. Kreĭn spectral shift function (SSF) are discussed and intercompared. It is pointed out that the equivalence of these representations is not apparent, and different properties of the SSF are revealed by different formulas. The presentation is informal and contains no proofs.

**MSC:**

[47B25](#) Linear symmetric and selfadjoint operators (unbounded)  
[47A55](#) Perturbation theory of linear operators

Cited in **18** Documents

**Keywords:**

[spectral shift function](#)

**Full Text:** [DOI](#)

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