

T. J. Ransford, **Almost-everywhere discontinuity of the spectral radius**, *Proc. Amer. Math. Soc.*, 129 (2001), 749–751.

**Abstract**

Let  $\rho(T)$  denote the spectral radius of an operator  $T$ . We construct operators  $S$  and  $T$  on  $\ell^2$  such that  $\lambda \mapsto \rho(T - \lambda S)$  is discontinuous almost everywhere on the unit disk.