

Meeting: 1003, Atlanta, Georgia, SS 38A, AMS-SIAM Special Session on Orthogonal Polynomials—Random Matrices—Integrable Systems: Interdisciplinary Aspects, I

1003-46-787 **Percy A Deift*** (deift@cims.nyu.edu), 251 Mercer Street, NYC, NY 10012, and **Jorgen Ostensson**. *A Riemann-Hilbert proof of a theorem on inverses of Toeplitz operators.*

The authors apply Riemann-Hilbert/steepest descent ideas to give a new proof of a basic result on the deviation of the inverse of a Toeplitz operator from the inverses of its sequence of truncations. (Received September 29, 2004)