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B. E. Rhoades* (rhoades@indiana.edu), Indiana University, Bloomington, IN 47405-7106. *Point spectra for generalized Hausdorff matrices.*

Let H be a Hausdorff-Jakimovski generalized Hausdorff matrix. We determine the point spectra of H and H^* , the adjoint of H, considered as bounded operators on ℓ^p , $1 \le p \le \infty$. (Received August 28, 2007)