1025-57-158   **Michael W. Davis*** (`mdavis@math.ohio-state.edu`), Ohio State University, Department of Mathematics, 231 W. 18th Ave., Columbus, OH 43210-1174, **Tadeusz Januszkiewicz** (`tjan@math.ohio-state.edu`), Department of Mathematics, 231 W. 18th Ave., Columbus, OH 43210-1174, and **Ian James Leary** (`leary@math.ohio-state.edu`), Department of Mathematics, 231 W. 18th Ave., Columbus, OH 43210-1174. *ℓ^2-Betti numbers of hyperplane complements.*

We compute the ℓ^2-Betti numbers of the complement of a finite collection of affine hyperplanes in $\mathbb{C}^n$. At most one of the ℓ^2-Betti numbers is non-zero. (Received January 22, 2007)