

**OH-TYPE AND OH-COTYPE OF OPERATOR
SPACES AND COMPLETELY SUMMING MAPS**

HUN HEE LEE

Department of Mathematics, Seoul National University, Seoul, 151-742, Korea
E-mail: bbking@amath.kaist.ac.kr

The definition and basic properties of OH-type and OH-cotype of operator spaces are given. We prove that every bounded linear map from $C(K)$ into OH-cotype q ($2 \leq q < \infty$) space for a compact set K satisfies completely $(q, 2)$ -summing property, a noncommutative analogue of absolutely $(q, 2)$ -summing property. At the end of this paper, we observe that “OH-cotype 2” is equivalent to the previous definition of “OH-cotype 2” of G. Pisier.