Rebecca Sanders\* (rebecca.sanders@marquette.edu), Marquette University, Dept. of Mathematical & Statistical Sciences, Milwaukee, WI 53201, and **Kit Chan** (kchan@bgsu.edu), Bowling Green State University, Dept. of Mathematics and Statistics, Bowling Green, OH 43403. Hypercyclic weighted shift factorization.

A linear operator on a Banach space is hypercyclic if there exists a vector with a dense orbit. Motivated by P.Y. Wu's work on cyclic factorization, we present various classes of operators on  $\ell^p$  which possess a hypercyclic factorization involving weighted shift operators. (Received August 19, 2019)