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**Marat V. Markin** (mmarkin@csufresno.edu), Department of Mathematics, California State University, Fresno, 5245 N. Backer Avenue, M/S PB 108, Fresno, CA 93740-8001, and **Olivia B. Soghomonian\*** (osogho5780@mail.fresnostate.edu), Department of Mathematics, California State University, Fresno, 5245 N. Backer Avenue, M/S PB 108, Fresno, CA 93740-8001. *On a Characterization of Convergence in Banach Spaces with a Schauder Basis.*

We extend the well-known characterizations of convergence in the spaces  $l_p$  ( $1 \leq p < \infty$ ) of  $p$ -summable sequence and  $c_0$  of vanishing sequences to a general characterization of convergence in a Banach space with a Schauder basis and obtain as instant corollaries characterizations of convergence in an infinite-dimensional separable Hilbert space and the space  $c$  of convergent sequences. (Received August 19, 2021)