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Correction to: Integrating bounded functions for the Dobrakov integral

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**CORRECTION TO  
INTEGRATING BOUNDED FUNCTIONS FOR THE DOBRAKOV INTEGRAL**

CHARLES SWARTZ

Professor Z. Lipecki has pointed out an error in [1]. The measure  $\mu$  constructed in Theorem 1 is not countably additive in the norm topology as claimed. It is, however, countably additive in the strong operator topology, and the results of the paper are correct if the definition of the space  $bca(\Sigma, L(X, Y))$  is altered to be the space of all vector measures  $\mu: \Sigma \rightarrow L(X, Y)$  which have bounded semi-variation and are countably additive in the strong operator topology of  $L(X, Y)$ . This alteration does not affect the basis point which was raised concerning the Dobrakov integral.

- [1] SWARTZ, C.: Integrating bounded functions for the Dobrakov Integral, *Math. Slovaca* 33, 1983, 141—144.