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Fotios C Paliogiannis* (fpaliogiannis@stfranciscollege.edu), 180 Remsen Street, Brooklyn Heights, New York, NY 11201. *On commuting powers of Banach and Hilbert space operators.*

Under sufficient conditions on the spectra, we employ the Riesz and the Borel functional calculus to study commuting powers of bounded operators in a Banach space and bounded normal operators in a Hilbert space, respectively. (Received April 30, 2007)