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**Gabriel T Prajitura\*** (gprajitu@brockport.edu), Department of mathematics, College at Brockport, State University of New York, Brockport, NY 14420, and **John B Conway** and **Alejandro Rodriguez-Martinez**. *Similarity of powers and inflations*. Preliminary report.

We will discuss the class of all operators  $T$  a on Hilbert spaces for which  $T^2$  is similar to  $T \oplus T$  (Received June 24, 2011)