962-60-908 **Douglas J Blount*** (`blount@math.la.asu.edu`), Department of Mathematics, Arizona State University, Tempe, AZ 85287-1804, and **Michael A Kouritzin** (`mkouritz@math.ualberta.ca`), Department of Mathematical Sciences, University of Alberta, Edmonton, AB T6G 2G1, Canada. *A simple test for Holder continuity of a class of Hilbert space valued processes.*

We consider a class of Hilbert space valued processes which can be viewed as parameterized families of Ornstein-Uhlenbeck-like processes, and give a criterion for Holder continuity. The criterion is applied to a class of superprocesses known as super-stable processes by using Fourier transform techniques, and is also applied to a white noise driven stochastic evolution equation. (Received September 28, 2000)