1134-60-155 **Yuichiro Kakihara*** (ykakihar@csusb.edu), Department of Mathematics, California State University, 5500 University Parkway, San Bernardino, CA 92407-2393. *Gramian Schauder basic measures and gramian uniformly bounded linearly stationary processes.* Preliminary report.

Hilbert space valued second order stochastic processes $\{x(t)\}$ on a locally compact abelian group are considered. When $\{x(t)\}$ is gramian uniformly bounded linearly stationary, some equivalence conditions are known. We add a few such conditions in terms of its representing measure and the family of stochastic processes it generates, where we introduce gramian Schauder basic measures as an analogy to Schauder basic measures. (Received September 01, 2017)