

1125-VP-2489 **Eddie Tu*** (etu@vols.utk.edu), 820 Red Saile Road, Knoxville, TN 37909. *On the Association of Certain Feller Processes.*

We propose methods of characterizing “association,” a strong form of dependence, for certain Lévy-type Feller processes. In particular, our methods utilize the symbol of such processes. We explore the importance of characterizing association of the process by looking at examples, which include solutions of Lévy-driven SDEs. Then we discuss some applications of association for Feller processes. (Received September 20, 2016)