

COUPLING FOR LÉVY PROCESSES

RENÉ SCHILLING (JOINT WORK WITH BJÖRN BÖTTCHER, PAWEŁ SZTONYK AND JIAN WANG)

In this talk we discuss sufficient (and necessary) condition for the possibility of a successful coupling for Lévy type processes. We give some applications and extensions to Lévy-driven Ornstein-Uhlenbeck processes. The conditions are given either for the Lévy measure or in terms of asymptotic conditions for the symbol (characteristic exponent).