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Shuyang Bai* (bsy9142@uga.edu) and **Yizao Wang** (wangyz@ucmail.uc.edu). *Phase transition for extremes of a family of multiple-stable processes: the microscopic level.*

We investigate a family of discrete-time stationary processes, known as stable-regenerative model, that may exhibit typical behaviors of short-range or long-range dependence, respectively, depending on the parameters. We reveal the phase transition at the microscopic level and characterize the local clustering of extremes in terms of convergence of tail processes. (Received September 19, 2021)