1167-82-171   **Mei Yin***, mei.yin@du.edu. *Remarks on power-law random graphs.*

We investigate a configuration model that is closely connected to a motivating example in Borgs et al. [Trans. Amer. Math. Soc. 372 (2019), 3019-3062]. The distinctively different structures of the limit graph are explored in detail in the super-critical and sub-critical regimes, and interesting results are established. Though elementary at first sight, our model serves as an uncovered boundary case between different types of graph convergence. (Received March 05, 2021)