

Supplemental material

Explosive Synchronization Transitions in Scale-free Networks

Jesús Gómez-Gardeñes, Sergio Gómez, Alex Arenas, and Yamir Moreno

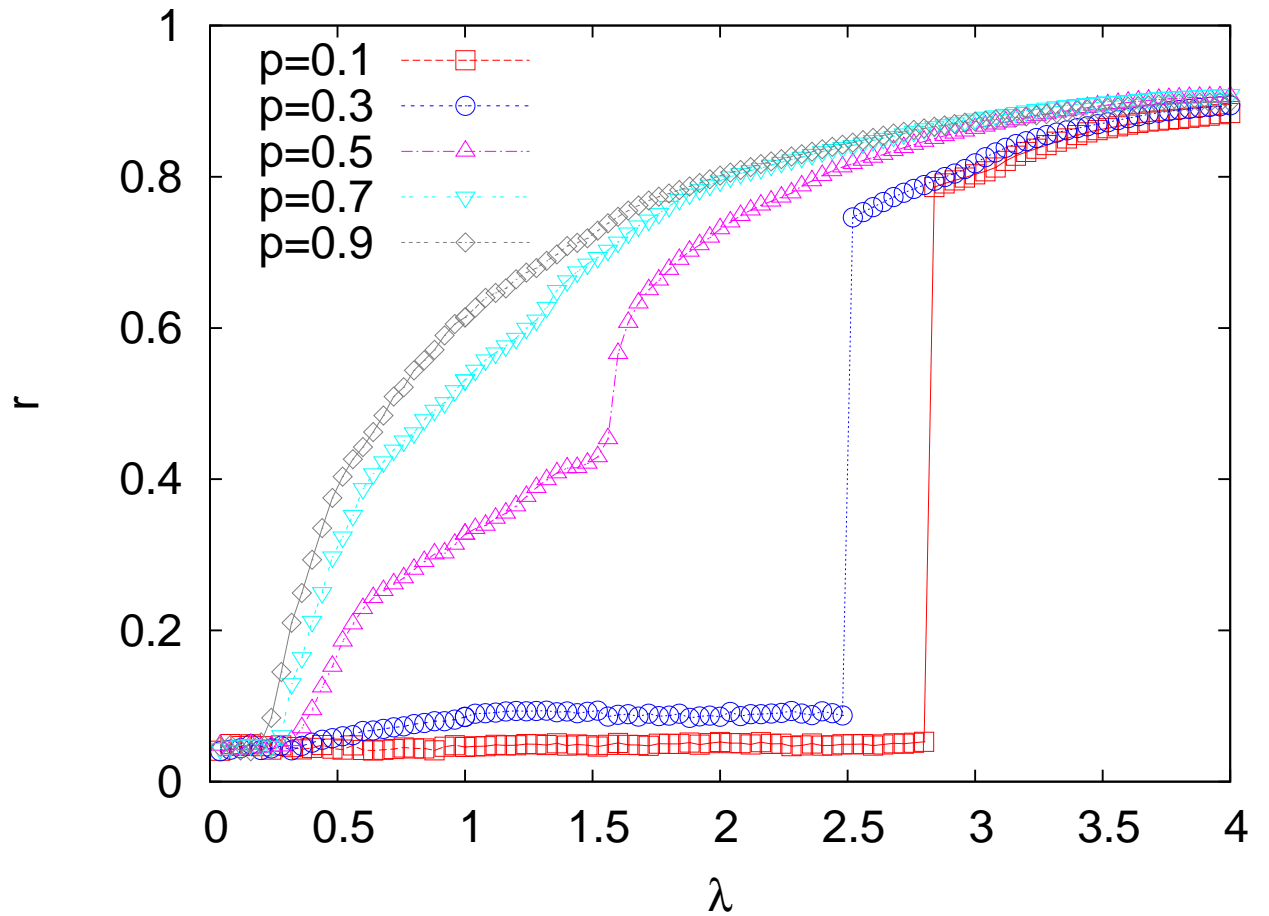


Figure 1: This supplementary figure shows the synchronization diagrams of a scale-free network with degree distribution $P(k) \sim k^{-2.4}$ when an intermediate degree-frequency correlation is initially set as described in the footnote (reference [27]). In particular, the figure shows the diagrams for the cases $p = 0.1, 0.3, 0.5, 0.7, 0.9$ of the frequency assignment process described in [27].