Supplementary Material

Engineering chimera patterns in networks using heterogeneous delays
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Figure 1: (Color online) Snapshots of the dynamical state of the regular network for different \( \tau_{\text{max}} \) values with (a) being \( \tau_{\text{max}}=5 \), (b) being \( \tau_{\text{max}}=20 \). The boxed nodes () are delayed with delays chosen randomly between 0 and \( \tau_{\text{max}} \) \( (0 \leq \tau \leq \tau_{\text{max}}) \). Note that the choice of \( \tau_{\text{max}} \) value does not have on the designed chimera state as visible for both (a) & (b). Other Parameters are \( \varepsilon = 0.65 \), network size \( (N) = 100 \), node degree \( (k) = 64 \).