

# Transition Routes to Synchronization in the Classical Kuramoto Model

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## ABSTRACT

"Moreover, we show that, surprisingly, the invariant manifolds of partially synchronized equilibria are linear.

As a consequence, the classical Kuramoto model is structurally stable. In particular, the connection graph persists under any small perturbations of the classical model. This is joint work with Bernold Fiedler and Alejandro López Nieto."