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# Complete synchronization of classical and quantum oscillators

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## Abstract

In this talk, we will report a recent progress on the complete synchronization for classical and quantum oscillators whose dynamics are governed by the Kuramoto and Lohe models. For the complete synchronization, we adopt a Lyapunov functional approach and provide several sufficient conditions for the complete synchronization. This is a joint work with H. Kim, J. Park and S. Ryoo (SNU, Korea) and Sun-Ho Choi (KAIST, Korea).

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