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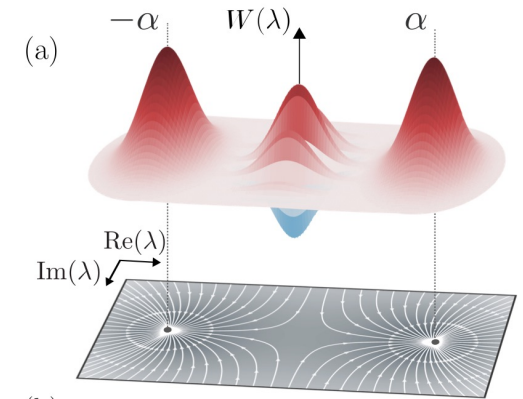
Feedback control of open-quantum systems

Date: **Tuesday, October 13, 2026**

Time: **09:00 – 10:00**

Location: Building A5 1, Room -1.03

The density operators of open quantum systems are governed by so-called Stochastic Master Equations (SME). They can be stabilized either with classical controllers or quantum ones. This talk presents these SME and feedback schemes on two key physical systems: the Haroche photon box in discrete time; the superconducting cat-qubit in continuous time.



From: U. Réglade et al. Nature 629, 778-783 (2024).

