

## A Sample $\LaTeX$ Abstract for LLMC on Probability & Statistics

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In this talk, we present a new characterization for the simultaneous Lyapunov diagonal stability of a matrix set  $\mathcal{A}$  via Hadamard multiplications by any positive semidefinite matrices. Our development relies mainly on a new notion called  $\mathcal{P}$ -sets.

*Area of Specialization: Logic*