Mathematical Picture Language Seminar

Tuesday, October 17

9:30 a.m. Boston time

Jefferson 453

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Mathematical challenges in quantum information theory

Abstract: A central goal of quantum information theory is to determine the capacities of a quantum channel for sending different sorts of information. I'll highlight the new and fundamentally quantum aspects that arise in quantum information theory compared to the classical theory. These include the central role of entanglement, nonadditivity, and synergies between resources. I will also discuss some challenging open questions that we will have to solve to push the theory forward.

Zoom QR Code & Link:
https://harvard.zoom.us/j/779283357?pwd=MitXVm1pYUlJVzZqT3lwV2pCT1ZUQT09

https://mathpicture.fas.harvard.edu/seminar