BI-CO MATHEMATICS COLLOQUIUM

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"q-analogues"

Monday, December 5, 2022
Talk at 4:00 – Hilles 109
Tea 3:30 – Foyer outside of H109

Abstract:

In this talk, we'll discuss how to count things (like permutations), how to q-count them (by keeping track of a combinatorial statistic), and how to q-count them in a completely different way (by "categorifying" to an analogous linear algebra problem). Somewhat remarkably, the two q-counts sometimes give the same answer.

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