GEOMETRIC ANALYSIS SEMINAR

"A proof of the multiplicity one conjecture for minmax minimal surfaces in arbitrary codimension"

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Abstract: Given any admissible k-dimensional family of immersions of a given closed oriented surface into an arbitrary closed Riemannian manifold, we prove that the corresponding min-max width for the area is achieved by a smooth (possibly branched) immersed minimal surface with multiplicity one and Morse index bounded by k.

Wednesday, February 13th, 2018
MIT, Room 2-131
Time: 4:00 PM

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